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62.85

Autumn
1931



GIANT DARWIN
Princess Elizabeth
(See Page 4)

BULBS - SEEDS

SHRUBS AND TREES

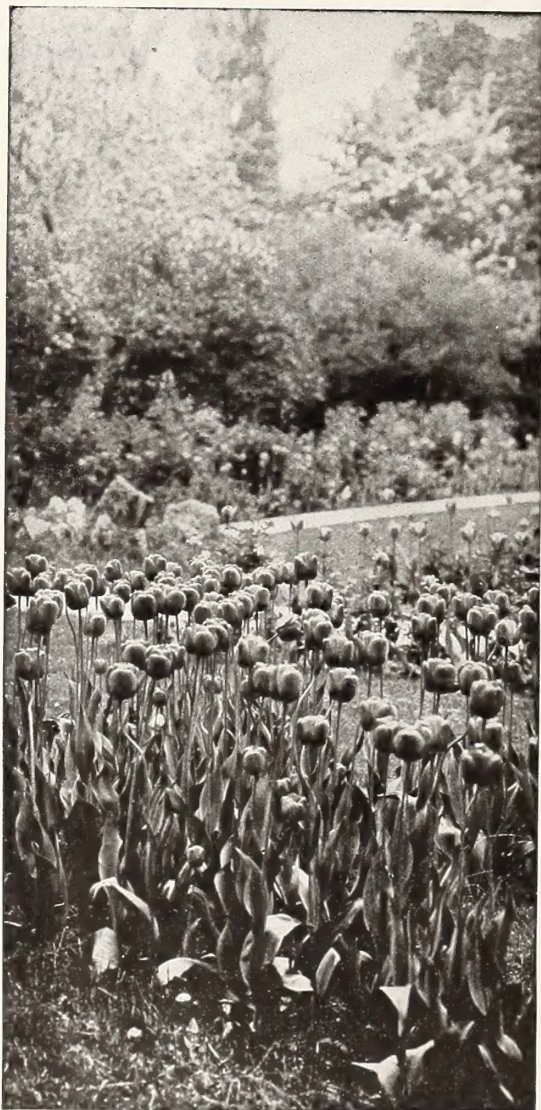
PORTER-WALTON CO.

SEED AND NURSERY SPECIALISTS
GENERAL OFFICE 42 WEST 1ST SOUTH
SALT LAKE CITY, UTAH

Vegetable Seed Trials

P-W's BULBS, PLANTS and SEEDS

are the Highest Standard of Quality— the "Pick o' the Crop"



For your selection you will find listed in this booklet a tried and well chosen list of both foreign and home grown bulbs and roots for Fall planting.

By the tests conducted at our Centerville Trial Grounds we are able to compare the many varieties now offered and choose just those most attractive and desirable as well as those best adapted to our soils and climatic conditions.

The Dutch bulbs such as Hyacinths, Tulips and Crocus now come to us in carload lots direct from Holland's most reliable and critical growers. You will readily appreciate, therefore, our position is such that we can not only demand the Pick o' the Dutch Crop but also effect a great saving in railway freight charges to this territory.

Delivery will be made at the proper planting-time. We guarantee to replace gratis any bulb, purchased from us, that does not arrive in perfect condition. Complaints on this point cannot be entertained if not made within 5 days after receipt of the goods.

This Is What Counts—26 Years in Business YOUR SATISFACTION GUARANTEED or Money Refunded

If such a rare circumstance should happen that your garden failed through the fault of planting material purchased from us, we will refill the order or refund the entire purchase price of the stock in question. No seedsman in the world will do more, and most of them would do nothing after it is accepted and planted. Of course, we cannot guarantee or assume any responsibility for the crop, as we cannot control the weather, soils, moisture, pests and other agents which make for success or failure.

About Prices and Delivery—All quotations, unless otherwise noted, are based on prepaid charges by us to your express or post office. Safe delivery is positively guaranteed. You are, therefore, as close to us as your post office or railway station.

The Order Blank found in this catalog will be convenient for customers and facilitate our filling orders (extra ones mailed free on request).

Bulbs Easy to Grow

Success Is Sure With P-W's Selected Stock For Outside Planting

The Time to Plant: First of all the fact should be emphasized that the **Autumn Months** and not **Spring** is the proper time to plant Hyacinths, Tulips, Narcissus, Daffodils, Crocus and other spring flowering bulbs and hardy perennial plants. Most of the varieties described in this list are ready for delivery the latter part of September or early October and should be planted as soon as convenient after that time, but surely before the ground freezes. "Lily of the Valley" and some of the Hardy Lilies are not ready until November or December; should there be danger of the ground freezing before that time, cover the space to be planted with leaves or straw and the bulbs can then be planted at your convenience after arrival.

Distance Apart varies with the variety from 2 to 3 inches for Crocus to 12 to 18 inches for Lilies. The proper space is indicated under the respective headings in this list.

In Bloom All Winter

A trifling outlay in money plus a little fascinating fun. Many do not realize how easy and inexpensive it really is to have a continuous succession of bloom in the living room during the entire winter. The culture is so simple that with the right kind of bulbs anyone can be successful.

See page 6 for information on indoor culture.

Kind of Soil: Any good, moderately rich, well drained soil is suitable for most bulbs; avoid heavy and boggy soils as poor drainage is fatal. In a stiff clay formation, supply a small quantity of sand or coal ashes at the base of each bulb and enrich soil with bone meal, VIGORO, or very well rotted manure, but do not use fresh stable manure under any conditions.

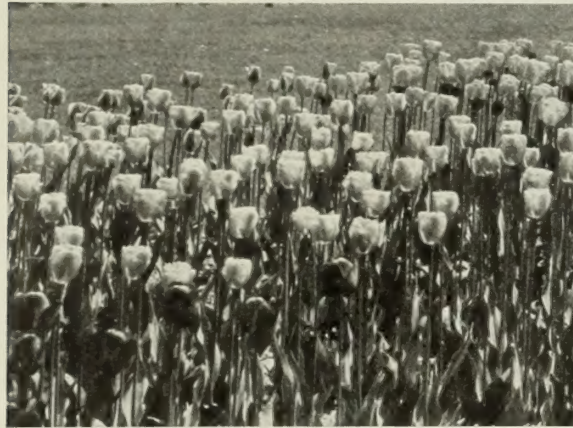
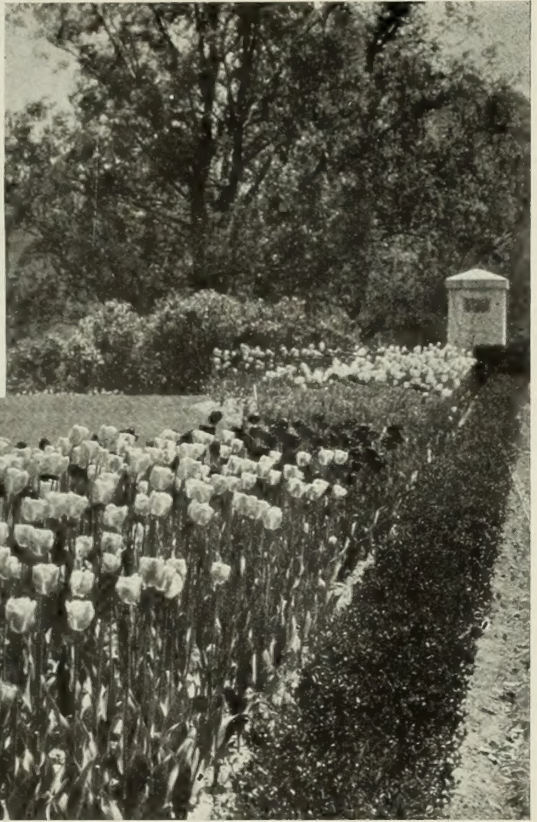
Proper Depth: Depends upon the size of the bulbs. A good rule is to place each bulb from one and one-half times to twice its own thickness below the surface of the ground. In districts of extremely cold temperature it is advisable to mulch the beds with leaves or straw during the severe weather, but care should be taken to remove the covering upon the approach of spring. In Salt Lake and equally mild climates no such protection is necessary.

Colorful Giant Darwin Tulips

For the Herbaceous Border, Massed in Clumps Along the Edge of Shrubbery, or as Cut-Flowers for Vases. These are Conceded to be the Superior of All the Tulips.

Darwins are very valuable for planting in beds where their wonderful flowers with such a wealth of color can be displayed to advantage. They are just as charming, too, and, perhaps, as valuable for permanent planting in shrubberies and borders. They will continue to bloom for years. They are much more adaptable to warmer climatic conditions than the early Tulips. We advise our customers in the Southern States and California to choose Darwins when selecting Tulips.

Plant 6 inches apart, 4 to 5 inches deep in heavy and 6 inches in light soils. The number immediately following the name is the average height in inches. For convenience in figuring allow 5 bulbs for each square foot to be planted.



The gorgeous color effect of the above groups of Darwin Tulips can only be fully appreciated when seen in real life. Make it a reality on your grounds next spring.

Afterglow—26. Deep rosy orange with salmon tinted edge. Splendid novelty. 9c ea.; 85c doz.; \$5.50 per 100.

Anton Mauve—26. Enormous flower, deep bluish lilac. 13c ea.; \$1.30 doz.; \$9.00 per 100.

Baron De La Tonnaye—26. Vivid pink, tall, strong stems. 6c ea.; 60c doz.; \$4.00 per 100.

Blue Aimable—25. A beautiful rich lavender blue. 8c ea.; \$7.50 doz.; \$5.25 per 100.

Bartigon—23. Flery red, one of the best forcing varieties. 6c ea.; 60c doz.; \$4.00 per 100.

Clara Butt—22. An exquisite shade of soft salmon pink, shaded rose. 6c ea.; 60c doz.; \$3.75 per 100.

Chant de Cygne—26. Glowing salmon-scarlet shaded soft rose. One of the finest and the largest of all existing Darwin Tulips. A beautiful novelty; very scarce. 9c ea.; 90c doz.; \$6.50 per 100.

City of Haarlem—27. Intense dark scarlet, with darker bloom; large steel-blue base and white halo; wonderful flower. 9c ea.; 90c doz.; \$6.50 per 100.

Dream—24. Large cup-shaped flowers of heliotrope with silvery lilac margin; blue base. 7c ea.; 65c doz.; \$4.50 per 100.

Edmee—25. Cherry rose margined silvery pink. 7c ea.; 65c doz.; \$4.50 per 100.

Eclipse—30. New, deep rich glowing blood-red! Huge flower of fine form on a very tall, strong stem. 26c ea.; \$2.60 per doz.; \$17.00 per 100.

Europe—22. Splendid fiery salmon scarlet; flowers large and erect. 6c ea.; 60c per doz.; \$4.25 per 100.

Faust—30. A very large, deep violet purple. 9c ea.; 90c per doz.; \$6.50 per 100.

Flamingo—28. Delicate shell-pink, elegant pointed flower. 8c ea.; 80 per doz.; \$5.50 per 100.

Glow—22. Glowing vermillion. 7c ea.; 65c per doz.; \$4.50 per 100.

Inglescombe (Yellow Darwin)—24. Large globular canary yellow. 6c ea.; 60c doz.; \$4.00 per 100.

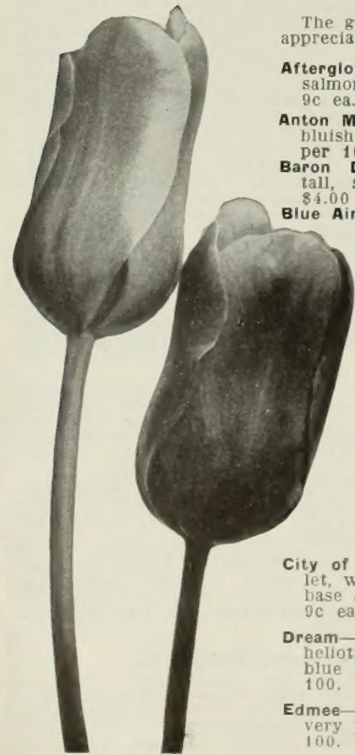
Isis—26. Vermillion. The popular red for bedding. 7c ea.; 70c doz.; \$5.00 per 100.

Jacob Maris—30. Rich mahogany-red; fine new variety; tall and stately. 12c ea.; \$1.15 doz.; \$6.50 per 100.

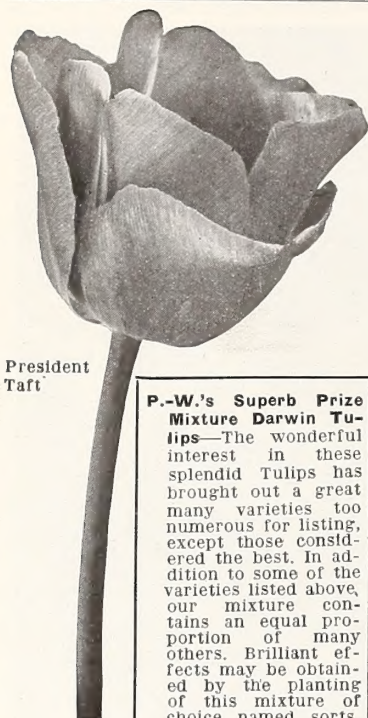
King Harold—25. Deep oxblood-red, with purple-black base; large flower of fine form, on a sturdy stem. Superb variety for the border, and most effective in partial shade. 7c eaa.; 70c doz.; \$5.00 per 100.

King George V.—26. Brilliant rosy scarlet; extra large flower. One of the finest novelties. 11c ea.; \$1.50 doz.; \$8.00 per 100.

La Fiancee—30. Rosy shaded mauve, edged light pink, blue base extra. 9c ea.; 85c doz.; \$6.00 per 100.



King George V.



President Taft

P.-W.'s Superb Prize Mixture Darwin Tulips—The wonderful interest in these splendid Tulips has brought out a great many varieties too numerous for listing, except those considered the best. In addition to some of the varieties listed above, our mixture contains an equal proportion of many others. Brilliant effects may be obtained by the planting of this mixture of choice named sorts. 60c per doz.; \$4.00 per 100.

Colorful Darwin Tulips (Continued)

- La Tulips Noire**—25. An extreme maroon black, velvety sheen in the sunlight, very large. 8c ea.; 75c doz.; \$5.25 per 100.
- Loveliness**—21. Soft, rosy carmine. 7c ea.; 65c doz.; \$4.60 per 100.
- Mattia**—Deep carmine rose, blue center. 8c ea.; 80c doz.; \$5.50 per 100.
- Mrs. Farncomb Sanders**—26. Brilliant dark rose-red. 6c ea.; 60c doz.; \$4.00 per 100.
- Mad. Krelage**—28. Rose-pink, tinted lilac, large flower. 6c ea.; 60c doz.; \$4.00 per 100.
- Mrs. Potter Palmer**—24. Deep purple, medium size fine form. 8c ea.; 80c doz.; \$5.75 per 100.
- Melicette**—24. Best pure lavender. 11c ea.; \$1.00 doz.; \$7.50 per 100.
- Ouida**—30. Very tall bright scarlet; wonderful bedder. 7c ea.; 65c doz.; \$4.50 per 100.
- Philippe de Commynes**—24. Velvety dark violet. 7c ea.; 70c doz.; \$4.60 per 100.
- President Taft**—26. Best dark scarlet-red. Extra large. 9c ea.; 85c doz.; \$6.00 per 100.
- Pride of Haarlem**—26. Crimson carmine. 6c ea.; 60c doz.; \$4.00 per 100.
- Prince of the Netherlands**—31. A giant flowered sort of deep cerise-rose edged pink. 7c ea.; 65c doz.; \$4.50 per 100.
- Princess Elizabeth**—26. Perfectly formed; large, rich deep pink. 7c ea.; 65c doz.; \$4.50 per 100.
- *Prince of Wales**—28. Very bright crimson with scarlet flush; bright blue base. A very large flower of

- brilliant color. 9c ea.; 90c doz.; \$6.50 per 100.
- Professor Rauwenhoff**—28. Bright cherry-red shaded salmon. 6c ea.; 60c doz.; \$4.00 per 100.
- Psyche**—26. Soft salmon-rose. 7c ea.; 65c doz.; \$4.50 per 100.
- Pulcinella**—26. Very lovely shaped flower of a clear, bright and pleasing cerise-red. Flowers early; good for forcing. 10c ea.; \$1.00 doz.; \$7.00 per 100.
- Queen Mary**—27. Soft rose lighter bordered. 10c ea.; \$1.00 doz.; \$7.00 per 100.
- Rev. H. Ewbank**—20. Silvery lavender shading towards the center bluish heliotrope. 6c ea.; 60c doz.; \$4.00 per 100.
- Scarlet Beauty**—22. Fiery scarlet. 9c ea.; 85c doz.; \$6.00 per 100.
- Wm. Copeland**—25. Sweet lavender, good, early forcer. 6c ea.; 60c doz.; \$4.00 per 100.
- White Queen**—20. Large, beautiful white. 7c ea.; 65c doz.; \$4.50 per 100.
- Wm. Goldring (Tiara)**—28. New charming magenta, large flower, center blue and white. 9c ea.; 90c doz.; \$6.50 per 100.
- Yolande**—28. Grand novelty, an exquisite soft salmon pink. Shaded rose, identical in coloring with Clara Butte, but stem is longer and flower much larger and finer in every way. 14c ea.; \$1.40 doz.; \$10.00 per 100.
- Good Mixed**—Dozen, 50c; 100 for \$3.50.

Dutch Art or Breeder Tulips (May-Flowering)

Breeder Tulips are very similar in habit to the Darwins, and flower at the same time. Their chief characteristic is their immense blooms, borne on strong, stiff stems, many of them longer than the most gigantic Darwins. The revival of the taste for art colors has made these Tulips, at one time very popular in England, strong favorites with American enthusiasts. Truly they possess Nature's happiest combinations of purple and bronze, grey and lilac, yellow and gold, brown and orange and other distinctive colorings. Flowers are very large, of perfect form, and borne on tall, strong stems. Plant same as Darwins, allowing four bulbs for each square foot to be planted.

Abdel-Kader—27. Deep bronze, paler edged. 10c ea.; \$1.00 doz.; \$7.00 per 100.

Apricot—25. (Perfection). Dull bronzy buff, shaded ruddy apricot. Splendid flower. 9c ea.; 85c per doz.; \$6.00 per 100.

Bronze Queen—28. Buff, tinged apricot, 7c ea.; 65c doz.; \$4.50 per 100.

Copernicus—27. Dark coppery bronze, shaded old rose. 9c ea.; 90c doz.; \$6.50 per 100.

Dom Pedro—24. A unique shade of coffee-brown shaded maroon inside rich mahogany, large flower. 9c ea.; 85c doz.; \$6.00 per 100.

Godet Parfait—30. Deep purple violet mammoth flower. 9c ea.; 85c doz.; \$6.00 per 100.

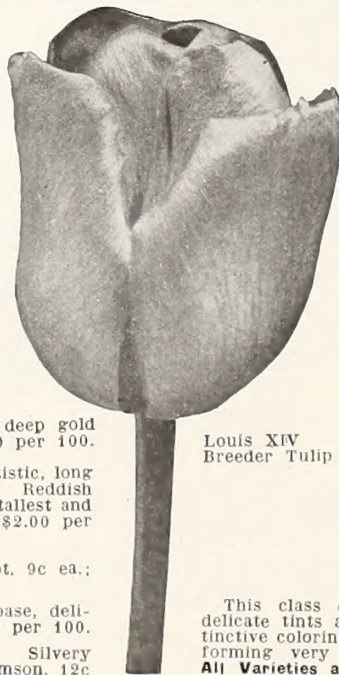
Golden Bronze—28. Old gold outside, deep gold bronze inside. 9c ea.; 85c doz.; \$6.00 per 100.

Indian Chief—34. (Meyerbeer). Very artistic, long shape with slightly recurved petals. Reddish mahogany flushed purple. One of the tallest and strongest Breeder Tulips. Each, 75c; \$2.00 per 3; \$7.00 per doz.

Jaune d'Oeuf—26. Orange tinted apricot. 9c ea.; 85c doz.; \$6.00 per 100.

Klopstock—24. Heliotrope with white base, delicate shade. 10c ea.; \$1.00 doz.; \$8.00 per 100.

Lord Curzon—28. (La Singuliere). Silvery white margined and striped cherry crimson. 12c ea.; \$1.20 doz.; \$8.50 per 100.



Louis XIV Breeder Tulip

Louis XIV—30. Enormous flower, extra globular, rich deep purple. Heavily flushed with golden bronze. Very attractive. 7c ea.; 70c doz.; \$5.00 per 100.

Lucifer—28. Mammoth flower of brilliant terra cotta orange. 1c ea.; \$1.10 doz.; \$8.00 per 100.

Medea—26. Salmon carmine yellow center, huge flower. 9c ea.; 85c doz.; \$5.75 per 100.

Panorama—(Fairy) 26 in. Deep orange-red shaded mahogany, very fine. 7c ea.; 65c doz.; \$4.50 per 100.

Prince of Orange—26. Terra cotta with orange edge. 9c ea.; 85c doz.; \$6.00 per 100.

St. James—28. Dark rosy lilac, edged bronzy tan, with coppery rose flush at tips of petals; inside ruddy mahogany, edged golden brown with yellow and green base. 7c ea.; 65c doz.; \$4.50 per 100.

Velvet King—31. (Dreadnaught). Dark purple; white base, immense flower. 9c ea.; 90c doz.; \$6.50 per 100.

Vulcan—28. Reddish, apricot with a broad margin of bright buff yellow inside a darker shade. 10c ea.; 95c doz.; \$6.75 per 100.

All Colors Mixed—70c doz.; \$5.00 per 100.

Rembrandt Tulips

This class of Tulips are really Darwins but are delicate tints and hues with flames or stripes of distinctive coloring; usually are of the more darker shades, forming very striking combinations.

All Varieties and Colors—9c ea.; 90c doz.; \$6.50 per 100, postpaid.

New Hybrid and Cottage Garden Tulips

This class is now very popular for bedding, naturalizing and especially for cutting, bearing their large, brilliant flowers on long, strong stems and lasting a long time when cut. They bloom from the middle of May until after the beginning of June according to weather conditions. Same culture as Darwin Tulips. Prices, postpaid.

Aegir—20 in. Large orange and cerise; very attractive. 9c ea.; 85c doz.; \$6.00 per 100.

Amber—20. Terra-cotta shaded amber, base yellow with blue. 9c ea.; 85c doz.; \$6.00 per 100.

Ambrosia—22. Very large; inside salmon-orange, outside shaded lilac rose. 18c ea.; \$1.80 doz.; \$13.00 per 100.

Argo—20. Round flower on strong stem, yellow mottled red and passing off to reddish brown. Delicate bronze salmon when forced. 10c ea.; \$1.00 doz.; \$7.00 per 100.

Avis Kennicott—25. A rich, deep shade of yellow, with a striking black base and anthers. 12c ea.; \$1.20 doz.; \$8.50 per 100.

Fairy Queen—20. Soft rosy lilac and amber 7c ea.; 70c doz.; \$5.00 per 100.

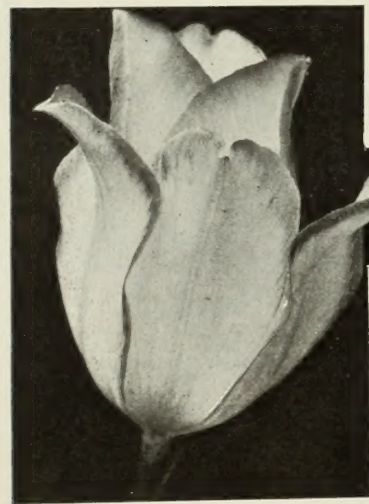
Gesnerianna Major—24. Dazzling crimson scarlet with violet black center. 8c ea.; 80c doz.; \$5.50 per 100.

Gesneriana Lutea—24. (The yellow Gesneriana). Color rich yellow, flowers very large. 7c ea.; 65c doz.; \$4.75 per 100.

Grenadier—21. Beautiful orange, large flower. 9c ea.; 85c doz.; \$6.00 per 100.



Ambrosia (May Flowering)



Picotte (Maiden's Blush)

Herbert Spencer—26. Very distinct, bright scarlet red. 9c ea.; 85c doz.; \$6.00 per 100.

Idyl—22. Vivid rose, inside shaded salmon; pure yellow base with blue edges. 7c ea.; 70c doz.; \$5.00 per 100.

Inglescombe Pink—22. (Salmon Queen) A rare blending of buff and salmon fine color. 7c ea.; 65c doz.; \$4.75 per 100.

Isabella—Creamy white shaded salmon rose. 7c ea.; 65c doz.; \$4.50 per 100.

Jno Ruskin—18. Apricot rose, mauve shading, pale yellow edge. 7c ea.; 65c doz.; \$4.75 per 100.

Marvel—25. Inside old gold, outside salmon rose, edged yellow. 8c ea.; 80c doz.; \$5.50 per 100.

Mrs. Moon—25. Large, golden yellow, petals reflexed; sweet scented. 9c ea.; 85c doz.; \$6.00 per 100.

Nectar—20. Fiery crimson with pure white base, slightly reflexing petals. 9c ea.; 90c doz.; \$6.50 per 100.

Orange King—23. Beautiful deep orange, shaded rose, inside deep orange-scarlet with a yellow center. 7c ea.; 65c doz.; \$4.75 per 100.

Picotte (Maiden's Blush)—20. White margined rose-pink. 7c ea.; 70c doz.; \$5.00 per 100.

Pride of Inglescombe—25. White, bordered carmine-rose, long, pointed flower. 12c ea.; \$1.20 doz.; \$8.00 per 100.

Triton—20. Dazzling carmine, base pure yellow with light blue edge. 8c ea.; 75c doz.; \$5.25 per 100.

Vesta—28. Long stemmed, purest white, black filaments—Good forcer. 12c ea.; \$1.20 doz.; \$8.00 per 100.

P.-W.'s Best Mixed Cottage Tulips, 55c doz.; \$3.75 per 100.

P-W's Special Collections

GIANT DARWIN, BREEDER, COTTAGE AND LILY FLOWERING TULIPS—(Charges Postpaid)

These collections are our own careful selections embracing the cream of the Tulip family. All flower at same time and can be planted in same group.

No. 11—	1 each of 25 choice named varieties for.....	\$ 1.75
No. 12—	2 each of 25 choice named varieties for.....	3.00
No. 13—	4 each of 25 choice named varieties for.....	3.50
No. 14—	10 each of 25 choice named varieties for.....	12.50
No. 15—	5 each of 10 choice named varieties for.....	2.25
No. 16—	10 each of 10 choice named varieties for.....	4.00
No. 17—	20 each of 10 choice named varieties for.....	7.75

Tulip Prices Are Very Low
This Year. Take Advantage
and Fill Your Garden.

Lily Flowering Tulips

New class of beautiful and very decorative tulips, a cross between the Darwin and Retroflexa Cottage Tulip. The flowers have the grace and shape of a Lily as indicated by the name. Same culture as Darwin Tulips.

Adonis—20. Vivid rosy red, long flowers. 9c ea.; 85c doz.; \$6.00 per 100.

Alaska—28. Pure golden yellow, slightly reflexed, long petals. 20c ea.; \$2.85 doz.; \$20.00 per 100.

Eclipse—22. Orange-yellow tinted rose. 9c ea.; 85c doz.; \$6.00 per 100.

Retroflexa—20. Soft yellow elegantly curved petals. 9c ea.; 85c doz.; \$6.00 per 100.

Sirene—26. Rich cerise-pink. 9c ea.; 85c doz.; \$6.00 per 100.

Bunch-Flowering Tulips

Monsieur Mottet—The color of this Tulip is Ivory-white, and instead of producing one flower on a stem as other Tulips do, it carries from four to six blossoms, which are in bloom all at the same time, on a stem about 18 inches tall. The result is a unique cut flower and also an excellent garden variety. We would like to see it included in every garden collection. 13c ea.; \$1.25 doz.; \$9.00 per 100.



"Alaska" Lily Flowering Tulip

P-W's Special Collection Offers

To induce those who have never planted our bulbs to give them at least a trial this year, the following "Collections" are offered at prices we believe to be irresistible in making up these collections, our standard of quality will be maintained, but in pricing, profits have been forgotten.

P-W's "GET ACQUAINTED" OFFER NO. 10

**Giant Flowering Tulips and Double
Peonies for Memorial Day
Flowers Next Spring**

- 10 **Baron LaTonnaye**, Pink Darwin Tulips
- 10 **Farncomb Sanders**, Red Darwin Tulips
- 10 **Wm. Copeland**, Pure Lavender Darwin Tulips
- 10 **Psyche**, Salmon Rose Darwin Tulips
- 10 **Prof. Rauwenhoff**, Berry Red Darwin Tulips
- 1 **Festiva Maxima**, Double White Peony
- 1 **Edulis Superba**, Double Pink Peony
- 1 **Felix Crousse**, Double Red Peony

(REGULAR PRICE \$5.00)

**All of Above Top Size Bulbs and Roots
Prepaid for \$3.50**



Groups of Darwin, Cottage and Breeder Tulips Showing
an Attractive Mass Effect

OUTDOOR COLLECTION NO. 18

- 25 P-W's Hyacinths, mixed bed.
- 25 Double Tulips, assorted.
- 25 Poet's Narcissus.
- 25 Bulb Iris, Assorted.

Regular Value of Above, \$5.80

ALL FOR \$4.25 Postpaid

OUTDOOR COLLECTION NO. 19

- 50 Single Early Tulips.
- 25 Parrot Tulips.
- 25 Assorted Dutch Hyacinths.
- 50 Crocus, Assorted.

Regular Value of Above, \$5.00

ALL FOR \$3.75 Postpaid

NATURALIZING COLLECTION No. 20

- 25 Trumpet Narcissus.
- 25 Double Daffodils.
- 50 Crocus, Assorted.
- 50 Poet's Narcissus.
- 50 Darwin Tulips, Assorted.
- 50 Cottage & Breeder Tulips, Asst.

Regular Value of Above \$14.50

ALL FOR \$10.00 Postpaid

INDOORS—RIGHT IN YOUR OWN HOME—GROW BULBS FOR WINTER CHEER

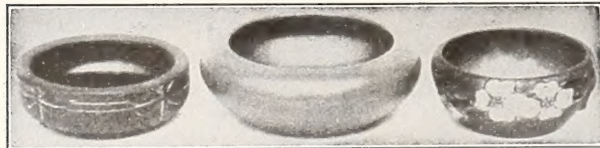
Here is how you can enjoy a real, colorful window or conservatory flower garden during this winter with no trouble and a slight expense for materials.

USE P-W's PREPARED BULB FIBER

And no need of ugly pots either; Use a bowl of your favorite color blending with the furnishing scheme of the room. This will lend an additional charm to your plant—you will enjoy it so much more.

Our Bulb Fiber is a complete substitute for soil scientifically prepared for use in receptacles without drainage. It is clean and odorless; no saucers necessary; no fear of staining the woodwork or table coverings. And bulbs really grow better in it than in soil for its absorbency and holds an even moisture and on account of its fluffiness allows the roots to penetrate freely. This Fiber is cleverly impregnated with plant-food in such a manner that it becomes available gradually but continually as required by the plants to assure a steady, healthy, and vigorous growth. **Price of P-W's Prepared Bulb Fiber:** Lb., 20c; 5 lbs., 90c. Postpaid. Not prepaid, 10 lbs., \$1.25; 100 lbs., \$10.00.

DIRECTIONS FOR USING BULB FIBER. Wet the Fiber thoroughly until it has absorbed all the water it can hold. This is best done in a pail or pan. Then squeeze out nearly all the water and it will be just right for planting. Fill the bowl three-fourths full, or to within a few inches of the top, according to the size of the bulb. Press down gently (never pack it down), set bulbs at the proper distances, and fill up with Fiber. Press it gently around the bulbs but **don't** pack it down. Keep the Fiber damp by spraying it lightly every day but never allow it to become too wet. All bulbs, except Freesias and Callas, should be kept in a dark place to develop roots before sprouting. Hyacinths, Daffodils, and Tulips require from four to six weeks; Paper-White and Soleil d'Or Narcissus and Chinese Lilies from two to three weeks. By bringing in a few bowls at intervals and making additional plantings one may enjoy blooming plants all through the winter months.



We carry a large assortment of Bulb Bowls, embracing most every desirable size, type, design and color. Prices range from 40c to \$2.00 each.

The Bulbs to Grow in Our Fiber

- Narcissus** (Paper-White Grandiflora)—White, Jumbo. (Page 15).
- Narcissus** (Soleil d'Or)—Yellow, Jumbo size. (Page 15).
- Daffodils** (Large Trumpet and Double)—(See page 12).
- Hyacinths** (Exhibition Bulbs to Color)—(Page 10).
- Hyacinths** (Dutch-Roman or Pan, Color)—(Page 10)
- Chinese Sacred Lilies** (Jumbo Size)—(Page 15).
- Calla Lilies** (Largest Bulbs)—(Page 15).
- Amaryllis** (New Giant Hybrids)—(See page 15).

P-W's Special Collection of "Bargain Size" Tulip Bulbs

Superior Than Grade Usually Offered By Chain and Department Stores

By special arrangement with our Holland Grower this year we offer for the first time, so-called "Bargain Size Tulips." They are smaller than our regular "top size" quality bulbs, which we have handled exclusively heretofore. This "bargain" grade or bulbs are all of flowering size, true to name; with proper care will give a good account of themselves and are well worth the low price at which they are sold. We stock this grade only in the following varieties. In ordering specify "Bargain Size Bulbs."

- Baron de la Tonnaye**—Pink Darwin.
- Bartigon**—Crimson Darwin.
- Clara Butt**—Salmon Darwin.
- Farncombe Sanders**—Scarlet Darwin.

- Madame Krelage**—Pink Darwin.
- Pride of Haarlem**—Carmine Darwin.
- Princess Elizabeth**—Deep Pink Darwin
- Prof. Rawenhoff**—Cherry Rose Darwin

- Wm. Copeland**—Lavender Darwin.
- Bronze Queen**—Golden Bronze Breeder
- Panorama**—Orange Mahogany Breeder.
- Inglescombe Yellow**—Yellow Cottage.

BARGAIN SIZE BULBS of any of above varieties—Each, 3c; Dozen, 35c; \$2.75 per 100 postpaid.

Gorgeous Parrot Tulips

WEIRD, FANTASTIC SHAPES—LAVISH, TROPICAL COLORS

Parrot Tulips do not receive the attention they deserve. They belong to the late or May-flowering class and have immense, attractive flowers of singular and picturesque forms and brilliant and varied colors. The petals are curiously fringed or cut, and the form of the flower, especially before it opens, resembles the neck of a parrot. They form extravagantly showy beds, are especially desirable for cut-flowers, and should be grown in every flower garden. Plant in light, sandy soil, three inches deep, five to six inches apart, sunny location. Allow five bulbs for each square foot to be planted.

Fantasy—A glorious Parrot Tulip with straight, strong stem. It is a sport from the Darwin Tulip, Clara Butt, with exactly the same beautiful color, but the quaintly artistic shape of a Parrot Tulip. It is an enormous flower of a soft salmon-pink with delicate pale green blotch in center of each petal. Tall and stately, 23 in. **Price: Ea., 35c; 3 bulbs, \$1.00; doz., \$3.50**

Amiral de Constantinople—Large, red flowers, tipped with orange.

Lutea Major—Large; bright yellow, with crimson and green stripes.

Cafe Brune (Coffee Color)—A

very striking combination of brown and yellow shades. A most artistic and handsome flower.

Markgraaf van Baden—True. Orange, striped scarlet; extra fine.

Price: Any of the above (except Fantasy) Each, 7c; 70c per doz.; \$5.00 100

Collection of Four Parrot Tulips

These include the standard 4 varieties listed except "Fantasy."

No. 22

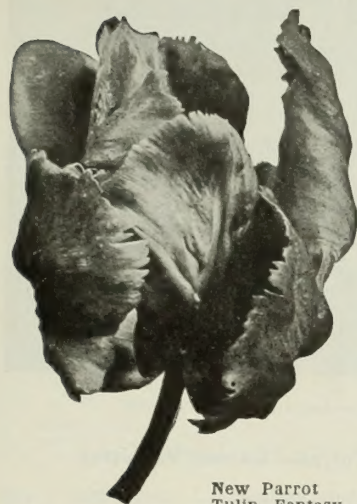
6 ea. (24 bulbs, val. \$1.40) **\$1.20**

No. 23

12 ea. (48 bulbs, val. \$2.40) **2.00**

Parrot Tulips, Superfine, Mixed—

A mixture of many outstanding self colors and combinations which are excellent for the mixed border. Each, 7c; 65c doz.; \$4.50 per 100.



New Parrot Tulip Fantasy

Exclusive New Triumph Tulips

(Flower in Late April or Early May)

In the Triumph Tulips we have a new race. They are hybrids of the Single Early and the Late Darwin Tulips. From the Single Early they inherit earliness and from the Darwins' stateliness, the result of which we have something entirely novel and worthwhile. These Tulips bridge the gap between the early and late varieties. They bloom a week to ten days later than the Single Early Tulips and have strong, tall stems ranging from 20 to 25 inches, are very colorful, and all force readily. Eventually, no doubt, they will even replace the Darwins, but for a long time to come they will be rare and exclusive. Same cultural directions as other Tulips. For best effect allow five bulbs for each square foot to be planted.

Boston—Rose with lilac reflex and yellowish bronze margin. Each, 13c; doz., \$1.25; per 100 \$8.75.

Buffalo—Dull purple, inside shining purple, large flower. Each, 12c; doz., \$1.15; per 100, \$8.25.

Mississippi—Bright fiery red, yellow base, large flowerer on tall, strong stem. Each, 12c; doz., \$1.15; \$8.25 per 100.

Ohio—Carmine-red, shaded violet-purple, white base; large, loose flower. Each, 11c; dozen, \$1.10; per 100 \$8.00.

Prof. Tendeloo—Deep amaranth-red, shaded purple with broad margin of deep citron yellow, large flower. Each, 13; dozen, \$1.30; \$9.00 per 100.

U. S. A.—Orange red with golden edge, inside copper overlaid with gold. Each, 11c; dozen, \$1.10; per 100, \$8.00.

COLLECTIONS NEW TRIUMPH TULIPS

THESE INCLUDE THE SIX VARIETIES LISTED ABOVE

No. 24—Four bulbs each (24 bulbs value \$2.88) **\$2.00**

No. 25—Twelve bulbs each (72 bulbs value \$7.05) **5.50**



New Triumph Tulips

Showy Double Early Tulips

Double Tulips are chiefly grown for their showy effects in masses, and are very lasting. Where a display of color is desired they are very satisfactory. Excellent for growing in pots or pans, but should not be forced into bloom very early.

The following list contains tested novelties, as well as worth-while standard sorts.

Double Early are much more lasting in flower than the Single Early varieties.

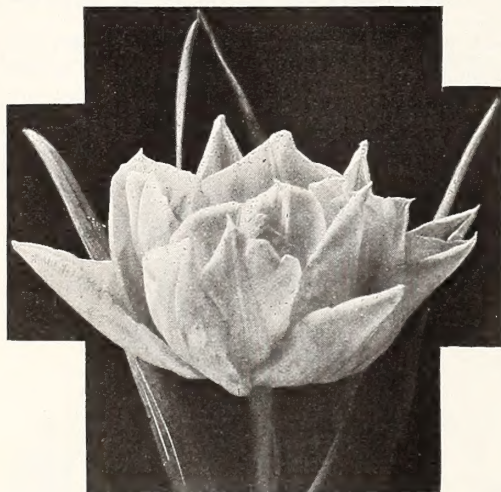
The letter A, B, or C, following the name of a variety, refers to its time of blooming, when planted outdoors—A being the earliest, and those marked B coming into full bloom before those marked A have gone, and those marked C a few days later than the B class. The figures indicate the approximate height when grown outdoors. This will be found useful in selecting varieties for bedding.

Varieties marked (*) are good both for inside and outside planting.

Our **TULIP BULBS** are all top size and are not to be compared with the small, undeveloped, cheap grades that are offered at so-called "bargain" prices. Prices include postage.



Attractive Bed of Golden Murillo



Peach Blossom

Collections of Double Tulips

These contain Azalea, Golden Murillo, Peach Blossom, and Vuurbaak

No. 26—6 bulbs each (24 bulbs, value \$1.75).....	\$1.35
No. 27—12 bulbs each (48 bulbs, value \$2.80).....	2.80
No. 28—25 each (100 bulbs, value \$5.25).....	4.50

AREA OF CIRCULAR BEDS

To aid customers in estimating bulbs required for circular beds, we give below approximate areas of such beds where diameters are from 3 to 12 feet.

Diam.	Approx. Area	Diam.	Approx. Area
3 feet	7 1/4 sq. ft.	8 feet	50 sq. ft.
4 feet	12 1/2 sq. ft.	9 feet	63 1/2 sq. ft.
5 feet	19 1/2 sq. ft.	10 feet	78 1/2 sq. ft.
6 feet	28 sq. ft.	11 feet	95 sq. ft.
7 feet	38 1/2 sq. ft.	12 feet	113 sq. ft.

CLAY FLOWER POTS

Prices are f.o.b. our store. Packed for shipping add 20 per cent. Minimum packing charge 50 cents. While we take every precaution to pack so that they will arrive at destination safely we do not guarantee against breakage in transit and can not replace any pots broken on arrival. We advise against shipping parcel post.

Size	Each	Per Doz.	Per 100
2 1/2 -inch Standard	\$.05	\$.45	\$ 2.50
3 -inch Standard	.05	.50	3.00
4 -inch Standard and Bulb..	.07	.60	4.00
5 -inch Standard and Bulb..	.10	.85	6.00
6 -inch Standard and Bulb..	.15	1.25	8.00
7 -inch Standard	.25	2.00	13.00
8 -inch Standard	.35	3.30	23.00
10 -inch Standard	.60	6.00	45.00
12 -inch Standard	1.00	11.00	.....

If saucers are desired add 50% extra to above prices.

Double Tulips—Named Varieties

	Prices Include Postage	Each	Doz.	100
*Azalea—B-12. Beautiful deep rose flushed salmon. Very fine.....	\$.07	\$.65	\$4.75	
*Boule De Neige—B-12 in. Pure white, large peony-like flower....	.07	.70	5.00	
*Couronne d'Or—(Crown of Gold), B-12 in. Yellow, shaded orange....	.09	.85	6.00	
*Golden Murillo—(Mr. Van der Hoef). The richest golden yellow tulip. Gorgeous flower. ....	.08	.80	5.50	
*Peach Blossom—B-10 in. Deep pink..	.07	.65	4.75	
*Mu-Rillo—B-10 in. Rose and white, large, full double. Good forcer....	.06	.60	4.25	
*Rubra Maxima—B-10 in. Finest deep red .....	.07	.70	5.00	
*Tornsolli—B-12 in. Bright red with yellow margin .....	.09	.90	6.25	
*Vuurbaak—B-10 in. Brilliant scarlet, very large flower.....	.07	.70	5.00	
*Valasquez—B-12. New large golden yellow; very showy .....	.08	.75	5.25	
All Colors Double Mixed—all varieties good. Holland Mixture .....	.06	.60	4.25	



Beds of Single and Double Early Tulips



Single Early Tulip
Prince of Austria in Center
Double Early Tulip Azalea on Border

Brilliant Single Early Tulips

The Early-flowering Tulips are desirable from a standpoint of earliness and brilliant coloring. They do not grow as tall as the May-flowering varieties but bloom almost a month earlier, namely, during April when most other plants show hardly a leaf and the landscape still bears the unmistakable signs of the winter just past. Their culture is exactly the same as that of the May-flowering Tulips, but they may be planted as close as five inches apart instead of six inches, which we recommend for the May-flowering sorts. Their coloring is varied, mostly of the very brilliant and gay shades of yellow, orange, and scarlet, brilliant pink and rose, glistening white. They are most effective when planted in solid beds of one to several different colors. Varieties marked (*) are good for forcing inside as well as outside planting.

These Early Tulips bloom about 40 days ahead of the late varieties, so they flower and go, in abundant time for you to replace them with other plants. For best effects allow five bulbs for each square foot to be planted.

Collections of

Brilliant Single Early Tulips

These collections contain the following four named varieties: **Cramoise Brilliant, De Wet, Keizerskroon, and Rose Luisante**. A glorious combination of brilliant spring colors.

No. 29—6 bulbs each (24 bulbs, value \$1.95).....	\$1.60
No. 30—12 bulbs each (48 bulbs, value \$3.30).....	2.75
No. 31—25 bulbs each (100 bulbs, value \$5.70).....	5.00



Keizerskroon

Single Early De Wet

Named Varieties

	Prices Include Postage	Each	Doz.	Per 100
Belle Alliance —B-10 in. Brilliant scarlet, yellow base.....		\$.07	\$.65	\$4.50
* Chryselora —B-10 in. Pure golden yellow.....		.07	.70	5.00
Cottage Maid —A-9 in. White bordered ping to carmine rose.....		.06	.60	4.25
* Cramoise Brilliant —C-12 Sparkling red, very large.....		.06	.60	4.00
* Dutchess De Parma —C-15 in. Orange scarlet with yellow edge.....		.07	.70	5.00
* Keizerskroon —C-15 in. Crimson scarlet, with broad yellow margin....		.10	1.00	7.00
* Lady Boreel —(White Joost Van Vondel) B-10 in. Finest white.....		.07	.70	5.00
* LaReine Maximus —B-12 in. Improved, light pink.....		.06	.60	4.25
Prince of Austria —B-14 in. Brilliant orange scarlet, clear yellow base....		.06	.60	4.25
* Prosperine —B-10 in. Silky rich satiny carmine-rose.....		.08	.75	5.50
* Queen of The Netherlands —B-15 in. Large, delicate pink.....		.08	.75	5.50
Rose Luisante —B-10 in. Fine deep rose.....		.07	.70	5.00
President Lincoln —B-10 in. Fine, large deep violet.....		.09	.85	6.00
White Hawk —B-10 in. Fine large white.....		.07	.65	4.75
All Colors Mixed —Single Early Varieties.....		.06	.60	4.00
De Wet —Beautiful deep orange, shaded golden yellow at the base of the petals. A very artistic flower and one of the finest sorts in cultivation. There is no other orange variety which equals it in brilliancy. It is, therefore, one of the showiest bedders, and as it forces splendidly we can recommend it for all purposes. Each, 10c; doz., 95c; per 100, \$6.75.				

The Fragrant Hyacinth

(Flowers in April)

The Hyacinth is possibly the most useful and popular hardy bulb flower. It delights millions of flower lovers throughout the world with its matchless beauty and fragrance. It may be grown in pots, glasses or in water, and in the garden. You will never regret growing these beautiful, fragrant flowers. For best effects plant four bulbs per square foot, when planting outside.

GARDEN CULTURE: Bulbs may be planted from the end of September until very severe weather sets in. The beds should be raised a few inches above the surrounding ground, to prevent lodgments of water, which causes bulbs to rot. Bulbs should be set 6 to 8 inches apart and 6 to 8 inches deep. If the soil is dry at planting time it should be watered and kept moist while the weather permits.

HYACINTHS IN POTS. Get rich, light soil or Bulb Fiber. If soil, provide drainage. Break off an offsets which appear at the base of the bulbs, and, in potting, place each bulb so that its top shall be half an inch below the surface of the soil, and about an inch below the rim of the pot.

Exhibition Hyacinths

P.-W.'s Giant First-Size Bulbs, Specially Selected for Forcing in the House, Exhibition at Flower Shows or Planting in the Garden

City of Haarlem—Clear yellow, the grandest flower among the yellows. The truss is large and well-formed.

Gertrude—Magnificent compact trusses, closely set with rich carmine-rose bells. This is a favorite variety for outdoor bedding, because the plants make a splendid uniform growth, and bloom all at one time. Easily forced for winter blooming.

Grand Maitre—A glorious spike of large bells closely set on a long and strong stem. The color is a rich deep porcelain blue of unusual appeal. Excellent for bedding and for forcing.

King of the Blues—This outclasses all other deep blue varieties on account of its purity and richness of color. The flower-spikes are long and fully set with large bells.

Lady Derby—Clear, rich rose blooms forming a solid and strong spike of color. Grown indoors, the flowers are a shade deeper in color. A magnificent free-blooming variety.

La Victoire—One of the earliest of all Hyacinths to come into bloom. The flowers are brilliant scarlet. When grown indoors they have a tendency to be lighter.

L'Innocence—Magnificent white bells of extra large size gracefully arranged into a fine, sturdy truss on a substantial and long stem. This makes a beautiful display.

Roi des Belges—Very large compact spike. Brilliant deep red.

Queen of Blues—Soft, light blue; very long and perfect truss, with large bells; easily forced.

Sir Richard Mansfield—Large, beautiful purplish mauve.

Yellow Hammer—A good deep shade of creamy-yellow. This variety is easily forced and forms compact long showy flower-spikes.

PRICE, Any of the Above: 15c each; 6 for 80c; 12 for \$1.50; 100 for \$10.50.

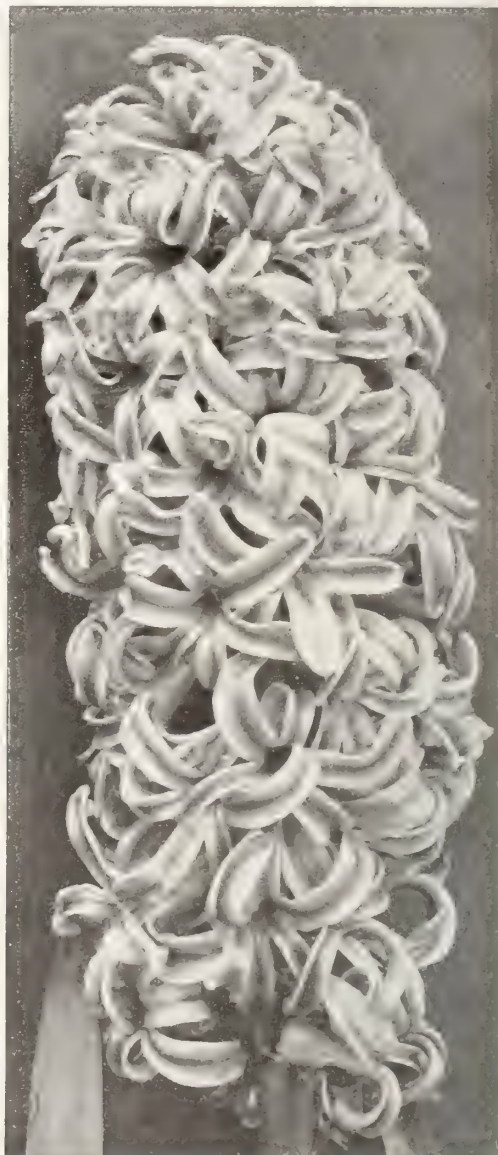
COLLECTION OF EXHIBITION HYACINTHS

These collections contain the following 5 varieties: Gertrude, King of the Blues, Sir Richard Mansfield, La Victoire, and L'Innocence.

No. 32—Two bulbs each....(10 bulbs, value \$1.50)	\$1.25
No. 33—Three bulbs each....(15 bulbs, value \$2.25)	1.75
No. 34—Six bulbs each.....(30 bulbs, value \$4.00)	3.25
No. 35—Twelve bulbs....(60 bulbs, value \$7.50)	6.25

Hyacinths, Extra Large Top Roots, Mother Bulbs

There are many gardeners and professional florists who like to plant these extra large size bulbs, claiming that they can get large size spikes. It is our experience that quite often these extra large size bulbs will produce two flower-spikes from one bulb. For those who grow Hyacinths in glasses filled with water this size is highly recommended, as it gives particularly good results under this cultural treatment. We offer in "Mother Bulbs" the same varieties as listed above under "Exhibition Size." Price: 20c each; dozen, \$2.00; \$13.00 per 100.



La Victoire

Collections of Five Hyacinths

(EXTRA LARGE SIZE MOTHER BULBS)

These mammoth bulbs are excellent for Hyacinth Glasses, Bulb Fiber or Pot Culture. The five varieties selected for the collections below are Gertrude, King of the Blues, Lady Derby, La Victoire, L'Innocence, Sir Richard Mansfield.

No. 36—1 each (5 bulbs value \$1.00).....	\$.85	No. 38—6 each (30 bulbs value \$6.00).....	4.75
No. 37—3 each (15 bulbs value \$3.00).....	2.50	No. 39—12 each (60 bulbs value \$10.00).....	8.00



P.-W.'s Superb Bedding Hyacinths (Named Varieties)

P-W's Superb Bedding Hyacinths

(NAMED SORTS)

These bulbs are splendid forcing. Pot Culture and Outdoor Beds. They are larger bulbs than the "Mixed Named" and we offer precisely the same varieties as listed under Exhibition Hyacinths (See page 10); the only difference being in the size of the bulbs. They may be used for formal garden planting with every assurance that when they are in bloom, the design will not be ruined by having flowers of unequal height, differences in blooming time, weak stems or color clashes.

Price: 12c each; \$1.20 per dozen; 25 for \$2.15; \$8.50 per 100, postpaid.

Mixed Named Bedding Hyacinths

This mixture is made up out of high-grade sorts, and can be depended on to produce fine results for outdoor planting. They are mixed named sorts, but separate to color. We do not recommend this size for indoor culture.

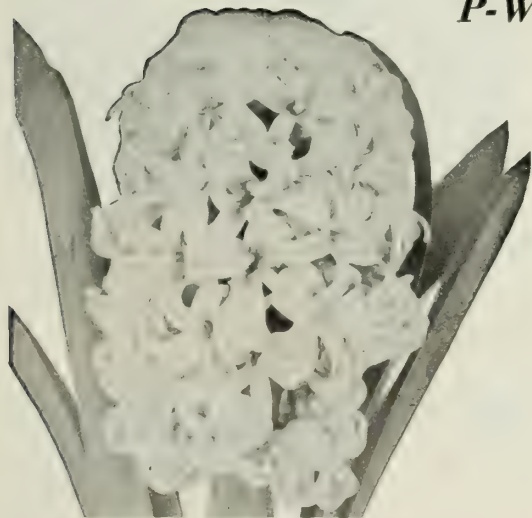
Dark Red Shades
Pink Shades
Rose Shades
White Varieties

Purple Shades
Dark Blue Shades
Light Blue Shades
Yellow Shades

All Colors Mixed

Price: Any of the above, 10c each; 95c per dozen; 25 for \$1.70; 100 for \$6.50, postpaid.

At a trifling cost you can fill both Living Room and Garden with Hyacinths this year.



Type of Mixed Named Bedding Hyacinths

Miniature Hyacinths

FOR INDOOR GROWING

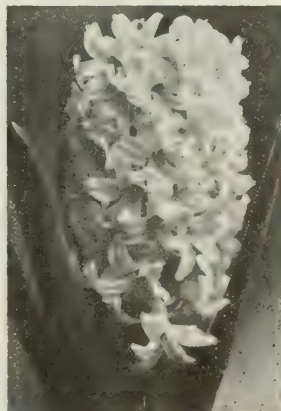
These are of the small bulb variety of Dutch Hyacinths that produce good spikes of flowers eminently adapting themselves for winter flowering in the house with the most satisfactory results. Ten or twelve bulbs are placed in an earthen pan 8 or 9 inches across; several of these pans can be filled and put away to root in the usual manner, as described on pages 2 and 6, bringing them to the light at intervals, where the display can be enjoyed for weeks. If potted in October, they can be depended upon to bloom as early as the latter part of January. They are equally valuable for outdoor planting.

Gertrude—Deep Pink
Grand Maitre—Lavender-Blue
La Victorie—Scarlet

L'Innocence—White
Marie—Deep Blue
Roi Des Belges—Red

Scholte—Light Blue
Yellow Hammer—Yellow
All Colors Mixed

Any of the above—7c each; 65c per dozen; \$4.75 per \$100, postpaid.



Miniature Hyacinth

P-W's Reliable Narcissus (Northwestern Grown Bulbs)

There are no hardier bulbous plants that have more points of merit than the Narcissus or Daffodil. They are perfectly hardy, growing well in almost any climate or condition, sun or shade, moist or dry. All locations seem to suit them, although they have a preference for good, deep soil, and a partly shaded position. Any vacant piece of ground in the garden, among the trees or grass, etc., could not be used to better advantage.

They are equally desirable for pot culture for winter flowering; three or four bulbs can be put in a five or six-inch pot and, with the same treatment as given to the hyacinths the whole winter and early spring months can be made bright with their exquisite gold and silver blooms. It is outdoors, however, that Narcissus do the best, and once planted, they need no further attention, the clump multiplying and giving better results each year, and from an original planting of a few hundred bulbs, in two or three years can be cut thousands of flowers.

Large Trumpet Daffodils

EMPRESS—Perianth white, trumpet rich yellow.

Selected Bulbs, 15c ea.; \$1.45 doz.; \$10.00 per 100.

Mother Bulbs—20c ea.; \$2.00 doz.; \$13.00 per 100.

EMPEROR—Yellow trumpet, perianth deep primrose.

Selected Bulbs, 16c ea.; \$1.55 doz.; \$11.00 per 100.

Mother Bulbs—22c ea.; \$2.25 doz.; \$14.00 per 100.

VAN WAVEREN'S GIANT—Largest in cultivation; perianth primrose, trumpet bright yellow.

Mother Bulbs, 40c ea.; \$3.85 doz.; \$28.00 per 100.

Selected Bulbs—32c ea.; \$3.25 doz.; \$24.00 per 100.

VICTORIA—Perianth white, trumpet pure yellow

Selected Bulbs, 15c ea.; \$1.45 doz.; \$10.00 per 100.

Mother Bulbs, 20c ea.; \$2.00 doz.; \$13.00 per 100.

KING ALFRED—This wonderfully beautiful Daffodil is considered the largest and finest deep golden yellow trumpet variety. A tall, strong grower, with magnificent frilled trumpet and large perianth, all of a uniform rich golden-yellow of splendid heavy texture, lasting well.

Mother Bulbs, 27c ea.; \$2.75 doz.; \$18.00 per 100.

Selected Bulbs, 20c ea.; \$2.00 doz.; \$14.00 per 100.

SPRING GLORY—Clear white perianth with long petals of splendid form, long trumpet of deep yellow, well reflexing at the brim. A very vigorous grower and one of the best of the newer Daffodils for pot culture.

Mother Bulbs, 20c ea.; \$2.00 doz.; \$14.00 per 100.

Selected Bulbs, 17c ea.; \$1.70 doz.; \$12.00 per 100.



Large Trumpet Empress (Bi-Color)

NOTE—In describing Narcissus reference is made to the "perianth" and "trumpet." The latter is the long center, funnel-shaped tube, and the perianth is the out row of petals or wings.

The top of the bulbs should be planted four inches below the surface and 6 to 12 inches apart.

Double Daffodils

DOUBLE VON SION—Too well known to need description; grand old golden double yellow Daffodil.

Selected Bulbs, 13c ea.; \$1.30 doz.; \$9.00 per 100.

other Bulbs, 18c ea.; \$1.75 doz.; \$12.00 per 100.

Sulphur Phoenix (Incomparabilis)—Large, double creamy-white with deeper center, very chaste and beautiful.

Select Bulbs, 10c ea.; \$1.00 doz.; \$7.00 per 100.

Mother Bulbs, 14c ea.; \$1.40 doz.; \$9.50 per 100.

Trumpet Daffodils, Mixed

Many of our friends have requested us to furnish them with a mixture of Narcissus which could be used for mass planting in the garden, the woodland, or the meadow. Our mixture contains all hardy varieties suited for this purpose. The plants will multiply from year to year and give the natural effect so much desired. 6 for 50c; 12 for 85c; 25 for \$1.65; 100 for \$6.00; 500 for \$27.50; 1000 for \$50.00.

Jonquils

Very popular as cut flowers and can be successfully grown by everyone. Culture same as Narcissus.

Giant Jonquils (Capernelle Rugulosus)—An improved rich golden-yellow, very fragrant; from 3 to 6 to flowers are borne on stalks about 18 inches high. 9c ea.; 90c doz.; \$6.50 per 100.



Double Von Sion Daffodil

Medium Trumpet Narcissus

These types, which include the *Barrii*, *Incomparabilis*, and *Leedsii* are a cross between the large trumpet varieties and the *Poeticus*. They are gorgeous when planted outdoors in masses; may also be grown indoors and are excellent for cut flowers.

Barrii Conspicuus—Large, broad pale yellow perianth, deep yellow cup with bright scarlet edge. A very free flowering variety of the true *Barrii* type. 7c each; 65c doz.; \$4.00 per 100.

Will Scarlet—Creamy white perianth with large running fiery orange-red cup. Very distinctive novelty. 13c each; \$1.25 doz.; \$9.00 per 100.

Lucifer—A showy and striking variety; perianth pure white crown or trumpet brilliant orange-scarlet, making an effective contrast. 11c each; \$1.05 doz.; \$7.50, 100.

Sir Watkin—"Giant Chalice Flower," or "Big Welshman." A gigantic flower, the largest in this section; perianth sulphur-yellow cup slightly deeper in color and tinged with orange; fine for pot culture; in fact, does well everywhere. 14c each; \$1.35 doz.; \$9.50 per 100.

Mrs. Langtry—Pure white, twin-flowered; a gem for forcing and cutting. 10c each; \$1.00 doz.; \$7.00 per 100.

White Lady—White perianth, soft canary-yellow cup; of fine form. 10c each; \$1.00 doz.; \$7.00 per 100.

Poet's Narcissus

This class of *Narcissus*, instead of having a trumpet or crown, has a small wide-mouthed cup. Very hardy, used in large numbers for naturalizing, their simplicity of form and delightful fragrance making them highly prized.

Poeticus Ornatus—More Symmetrical than the old *Recurvas* (Pheasants-eye) and blooms earlier; flowers large, pure white, cup margined orange-gold and as fragrant as the type. 7c each; 70c doz.; \$5.00 per 100.

Poeticus, Horace—Quite the best and largest of the new Poet's varieties. The white perianth is of large size, cup canary-yellow, rimmed bright red. Height 17 inches. 20c each; \$2.00 per doz.; \$14.00 per 100.

POETS AND POETAZ MIXED NARCISSUS

This is a comprehensive blend of named varieties in these classes grown in mixture. All first class bulbs especially recommended for naturalizing or large plantings. Contains all types and colors. 70c doz.; \$5.00 per 100; \$12.00, 250; 500, \$23.00; 1000, \$45.00.



Lucifer (Medium Trumpet)

Poetaz Hybrid Narcissus



Poeticus Horace

The flowers in this class are somewhat similar to the Poet's *Narcissus*. They are really the result of hybridizing the *Poeticus* and the *Polyanthus* *Narcissus*, possessing the good qualities of both parents. The plants grow very vigorously and bear generally from three to five flowers on a stem and are deliciously fragrant.

Elvira—25. A large pure white with yellow cup; strong grower and free flowering; fragrance resembles that of *gardenia*. 10c ea.; \$1.05 doz.; \$7.50 per 100.

Helios—The flowers are arranged in clusters on fine long stems. They are a pure golden yellow color. Blooms early and freely. Excellent for forcing in the house and, being very hardy, valuable for planting in the open. Planted in clumps among perennials or shrubbery, a very fine display can be created. Each, 10c; doz., \$1.05; \$7.50 per 100.

Laurens Koster—Pure white perianth, orange-yellow cup. 10c ea.; \$1.05 doz.; \$7.50 per 100.



Poetaz Elvira

Collections of FOUR LARGE DAFFODILS

These collections contain the following large-flowering varieties described on these two pages:

Emperor, Von Sion, Sir Watkin, and Poeticus Ornatus. All selected bulbs.

No. 40—Three bulbs each...\$1.25
(12 bulbs, value \$1.50)

No. 41—Six bulbs each..... 2.25
(24 bulbs, value \$3.00)

No. 42—Twelve bulbs each.... 4.25
(48 bulbs, value \$4.90)

No. 42—25 bulbs each..... 8.00
(100 bulbs, value \$9.00)

LANDSCAPING ADVICE

This service is cheerfully rendered to all our customers desiring it.

A competent Landscape Architect, with wide, practical experience, is in charge and the same careful attention will be given the smallest home grounds as is accorded to the largest estates.

A postal card signifying your interest will put you in immediate touch with this invaluable service.

Crocus

Among the earliest to blossom in spring is this beautiful little flower, lifting its head almost before the snow has disappeared. Blooming at a time when the ground is destitute of foliage and flower, it is a welcome visitor. The Crocus succeeds in pots and glasses, for which purpose the named varieties should be selected. They present the best appearance, however, when grown in masses, for which quantities should be used of at least 100 to 500. All bulbs we supply in named varieties are mammoth size. Prices include postage.

	Doz.	100
King of Blues—Dark purple blue.....	\$.35	\$2.50
Mont Blanc—Best white.....	.35	2.50
Mammoth Yellow—Golden yellow.....	.45	3.00
Scipio—Variegated and striped.....	.35	2.50
Choice Mixed Crocus—All colors.....	.30	2.00

ANEMONES

These popular flowers of French origin are exceedingly useful as a decorative plant for house or garden, and fine for cutting. If planted outdoors in the fall they must be well protected with leaves or other litter; they may also be planted in the spring in well-drained soil, and will flower during the summer, starting in May. When planted in pots, place twelve or more in a cluster and store away. If possible, in a coldframe until February 1; if carefully watered, when brought into the house they will flower abundantly.

St. Brigid Brilliant Mixture, \$1.50 doz.; \$10.00 per 100.

Bulbous Irises

(Spanish, Dutch and English)

We are listing below what we believe to be the best distinct colors. They are excellent for growing both under glass and in the garden also. When planted outdoors they should be covered with a mulch and the bulbs planted in a well-drained border, about 5 inches deep.

Albert Cuyp (Dutch)—White, falls lemon-yellow.

Cajanus (Spanish)—Golden Yellow.

David Teniers (Filifolia)—Porcelain blue, falls yellow.

Hobbema (Dutch)—Pale blue, falls yellow.

Imperator (Filifolia)—Dark blue.

La Reconnaissance (Span)—Bronze.

Royal Blue (English)—Similar to Spanish and Dutch but very much larger, blooming two or three weeks later. Clear deep blue.

Any of the Above—9c each; 90c dozen; \$6.50 per 100.



Bulbous Iris

CHIONODOXAS

(GLORY OF THE SNOW)

Luciliae—Pure white center gradually merging into the blue, the color becoming more intense towards the tips of the petals. A beautiful bedding flower; also good for pots. 45c doz.; \$3.00 per 100.

Sardensis—Charming flowers of a rich gentian-blue. 45c doz.; \$3.00, 100

FRITILLARIAS

Crown Imperial—Although the bulbs succeed fairly well in any ordinary border, a rather strong, adhesive soil, in an open position freely exposed to the sun, should, if possible, be chosen for them. 55c ea.; \$5.50 doz.; \$40.00 per 100, postpaid.

Meleagris—Singular, dwarf, spring-flowering plants, bearing large, pendant bell-shaped flowers of various colors, in yellow, white, black, purple, striped and splashed and checkered in the most curious way. They are invaluable for pot culture, and exceedingly pretty when grown in large groups in the garden border or wild garden in a dry situation.

Best Mixed—Selected colors. 80c doz.; \$6.00 per 100.



Crocus Assorted Colors

OXALIS

Charming little half trailing plants, particularly adapted for pots and hanging baskets. The clover-like foliage is very attractive, and when in bloom they are exceedingly pretty. Several bulbs can be grown in a spot.

We can furnish this variety in four colors; Pink, White, Lavender and Yellow.

Price: For any of the above, 5c ea.; 50c doz.; \$3.50 per 100, postpaid.

MUSCARI

(GRAPE HYACINTHS)

One of the prettiest of early spring flowering bulbs, growing about 6 inches high, and throwing up numerous spikes of flowers, which resemble a miniature inverted bunch of grapes.

Heavenly Blue Grape Hyacinths—A strong growing variety producing much larger spikes of flowers than the ordinary Blue Grape Hyacinth. Color clear light blue; very showy. 40c doz.; \$2.75 per 100; \$22.50 per 1000.

SNOWDROP

However carefully Snowdrops are selected, it is impossible to insure the singles and doubles coming quite true. The bulbs manifest an unusual tendency to run out of character.

Single Snowdrops—Selected bulbs. 45c doz.; \$3.50 per 100.

Double—Selected bulbs, 65c doz.; \$4.50 per 100.

SCILLAS

(SQUILLS)

Sibirica, Blue—Invaluable for indoor decoration. The lovely ultramarine blue flowers, contrast admirably with Roman Hyacinths and other early flowering bulbs. The Blue Squill is perfectly hardy, and should be largely grown in the open border in conjunction with Snowdrops. 55c doz.; \$4.00 per 100.

Campanulata, Blue (English Blue Bells)—Blossoms in May. 50c doz.; \$3.50 per 100.

Campanulata, Rosea—Very pretty pink flowers. 6c ea.; 60c doz.; \$4.00 per 100.

WINTER ACONITE

(ERANTHIS HYEMALIS)

The Winter Aconite is the very "firstling" of the year covering the ground with gilt spangles in the bleakest days of February, or March in colder states. Any soil or situation will suit this flower, and it should be planted in large patches within view from the windows 40c doz.; \$2.75 per 100.



Muscari Heavenly Blue

Flowering Bulbs for House Culture

FLOWERS IN THE HOUSE FROM CHRISTMAS UNTIL EASTER

If you are a beginner you will, of course, want some Hyacinths, since there is nothing easier to grow. You may use anything in the first sized named Hyacinths (page 10) or the Miniature Hyacinths (page 11). Equally easy are the Single Early Tulips (page 9), and the Double Early Tulips (page 8). The Triumph Tulips (page 7). grow as easily as the Early sorts. Then there is the Narcissus (pages 12 and 13) which seem almost to grow themselves. (See also page 6 for uses that can be made of Bulb Fiber.)

AMARYLLIS

GIANT AMERICAN HYBRIDS—Flowers of enormous size, with full, rounded, broad petals, 10 inches in diameter, are not unusual and 5 to 6 flowers to a stem, frequently two stems being pushed to the bulb. In color there are selfs and stripes, ranging from the purest white ground color with rose or red markings to rich orange-scarlet, cherry, crimson and maroon, strong flowering bulbs which we can supply in mixture only. A wonderful indoor plant for winter-blooming. Ready in October. 75c each; 3 for \$2.00; \$7.50 per dozen.

CALLA LILIES (Pot Culture)

YELLOW CALLA. Ready in October—Except for the color, almost identical with the white. It is a beautiful, rich, golden yellow, and is well worthy of your consideration. Cultural directions same as for "White." Mammoth Bulbs, 35c each; \$3.50 per dozen.

GODFREY EVERBLOOMING WHITE CALLA—Improvement over the ordinary White Calla, being more floriferous over a longer season, a trifle smaller but delicately scented. Strong flowering roots. 25c each; \$2.25 doz.

EASTER LILY

A most satisfactory White Lily for indoor culture for Easter blooming. Mammoth Size Bulbs—55c each; \$5.50 per dozen.

Large Size Bulbs—40c each; \$4.00 per dozen.

CHINESE SACRED LILY

Chinese Lilies are usually grown in bowls or dishes of water. Put an inch or two of sand and gravel in the dish in which they are to be grown, set the bulbs on this and put enough gravel or shells around them to keep them from falling over; fill the dish with water and set in a dark closet for a few days until the roots start freely; then bring them to the light and keep in any ordinary living room. A dozen or so bulbs started this way at intervals will give a succession of bloom throughout the winter. Can be planted in bulb fiber. (See page 6.)

Large Bulbs—15c each; \$1.50 dozen; \$10.00 per 100.

FREESIAS

PURITY—the flowers are white, borne in graceful clusters, lasting a long time and are delightfully fragrant when cut, a pot of five or six bulbs being sufficient to perfume the whole house. Can be had in flower at Christmas, and continue in succession until June. When potted should not be placed in a dark place, like most other bulbs, but put directly in the light. They will grow well and bloom freely in an ordinary living room if placed near a window and not kept too hot. They will stand a slight freezing without injury, but are not hardy for outdoor use.

Jumbo Bulbs—dozen, 50c; 100, \$3.50.

RAINBOW MIXED COLORS—This is a splendid improved class of colored

Freeseas, embracing beautiful shades of yellow, blue, mauve, pink, etc. The flowers are so large and fragrant as the well known white type described above. Same cultural treatment. 6 for 30c; doz.. 55c; 100 \$4.00.



White Calla



Purity Freeseas

GIANT WHITE NARCISSUS ("PAPER WHITES")

Flowers pure snow-white, desirable for their beauty and delicious odor... one of the best known of the bunch-flowered Narcissus. It forces admirably and flowers freely in dense clusters; will come into bloom as early as December. Splendid when grown in bowls of water and pebbles or moss, the same as Chinese Lilies. Mammoth Bulbs—8c each; 80c dozen; \$5.50 per 100. First Size Bulbs—6c each; 60c dozen; \$4.25 per 100.

SOLEIL d'or or GOLDEN SUN

A splendid free flowering variety producing large clusters of rich yellow flowers with a deep orange-red cup. Just as easy to grow as the Paper White variety. 20c each; \$1.75 dozen; \$12.00 per 100.

LILY OF THE VALLEY

Imported pips or crowns for indoor forcing are received in early December and should then be planted. Place a bundle of 25 pips in a 7 or 8-inch pot, filling it up with sand, moss or light soil, allowing the points of the pips to be about an inch above the surface. They should then be placed out of doors and brought indoors as wanted, and put in a shaded place in a temperature of about 70 degrees and when the spikes are 3 or 4 inches high they may be brought to where they are to perfect their flowers.

Imported Pips—(December delivery). 25 pips \$2.50; 100 pips \$8.00.

American Pips—(For outside planting late October or early November delivery). Extra strong clumps, 50c each; \$5.00 per dozen. Pips 25 for \$1.00; 100 for \$3.50.



Giant White Narcissus

Hardy Garden Lilies

Lilies are not unduly hard to grow. A little study of their native habits, a little attention to the proper choice of varieties, a little effort to give these the degree of sun and shade, of drainage and of moisture to which they are adapted, and they will reward the gardener with miracles of exquisite bloom. See that the bulbs have a well-drained place. It is in the hardy border that lilies do best, as they get the benefit of the shade of the surrounding plants, which is so necessary for their welfare. The depth for planting is important and is indicated under each variety. All Lily bulbs are postpaid at prices quoted.

Auratum (Golden-banded Japan Lily)—Undoubtedly one of the finest. Its large, graceful, fragrant flowers are composed of six petals of a delicate ivory-white color, thickly studded with chocolate-crimson spots and striped through the center a golden-yellow. 3 to 5 feet. July, September. Plant bulbs 8 to 10 inches deep. Large flowering bulbs. Each, 40c; doz., \$4.00; per 100, \$30.00.

Canadense Flavum—Beautiful native lily with graceful, charming golden-yellow flowers. Grows 2-5 feet tall. Blooms June-August. Plant bulbs 8-10 inches deep. (Ready November). Each, 25c; \$2.50 per dozen.

Davuricum—This charming Lily is a native of Siberia. It is very hardy everywhere, thriving in any fair garden soil; it will endure lime soils and prefers the full sun. Flowers borne in umbels three to five of rich orange shade flushed red spotted black. Grows 2-3 feet high and blooms in June-July; plant bulbs rather close together, about five inches deep. Each, 30c; \$3.00 doz.: \$20.00 per 100.

Hansonii—The flowers are a deep orange-yellow shade, spotted brown. It grows 3 to 4 feet high, blooming during the latter part of June; the bulbs, which should be planted six to eight inches deep, require a covering of straw or boughs of trees to keep them from starting into growth too early. Plant in semi-shade. Each, 50c; per three, \$1.40; dozen, \$5.00.

Superbum—One of the most satisfactory Lilies that can be planted either in the garden nor in meadows. Often grows over 8 feet high and produces 20 to 30 orange-red flowers in July when flowers are apt to be rather scarce. Plant bulbs 5 inches deep in moist peaty soil for best results. Each, 25c; dozen, \$2.50; 100 \$18.00.



Regal Lily

"Consider The Lilies"—For Permanent and beautiful borders.



Davuricum

Tigrinum Splendens (Tiger Lily)

Because it is so widely cultivated in this country this lily has come to be looked upon as native, but it originally came from China and Japan. The flowers are orange, spotted purple, opening in August and September on 2-4 foot stems. Plant bulbs 9 inches deep. Each, 25c; doz., \$2.50; per 100, \$17.50.

Umbellatum Erectum—Although the Umbellatum class through years of hybridation contains innumerable named varieties, at present we deem only one, Erectum, deserving a place in the garden. The flowers are blood-red and slightly or not at all spotted. Plant bulbs 8 inches deep. Each, 30c; dozen, \$3.25; per 100 \$25.00.

Tenuifolium—Especially adapted for the rock garden. A small, slender lily growing 12 to 18 inches high, with bright scarlet flowers and recurved petals. One of the prettiest little Lilies in cultivation. Blooms early June; plant 4 inches deep. Each, 30c; \$3.25 dozen; 100, \$25.00.



A field of Home-Grown Madonna Lilies (*Lilium Candidum*) These are splendidly adapted to the Mountain States and liberally should be planted in every garden.

Madonna Lily (*Lilium Candidum*)—The most popular garden lily. The flowers are pure snow-white and very fragrant, borne on long stems. Bulbs are usually available in September, but can be planted very successfully any time before the ground freezes. Produces a beautiful array of flowers in May or early June. Cover bulbs not to exceed 3 inches when planted. Large bulbs, 25c ea.; \$2.25 doz.; \$15.00 per 100. Monster Bulbs, 35c ea.; \$3.50 doz.; \$25.00 per 100. (Ready from August until ground freezes).

Regale (*Myriophyllum*)—This new variety from Western China is admittedly one of the most beautiful Garden Lilies yet introduced. It grows 3 to 5 feet high, and blooms out of doors in July. It is perfectly hardy and flourishes under very varied conditions, the large trumpet shaped, delicately scented flowers, which are produced freely, are ivory-white, shaded pink, tinged with canary-yellow at the base of the petals. Plant 8 inches deep. Strong flowering bulbs. Each, 35c; dozen, \$3.50; per 100, \$25.00.

Speciosum Magnificum—Better than either Rubrum or Melpomene. The form is white, flushed pink, and heavily spotted and banded with carmine. The stem is about 4 feet high and has fresh, green lance-shaped leaves, and the frilly flowers face downward and carelessly roll back their petals, while the stamens and pistil curl way out. A very beautiful lily, perfectly hardy, very seldom diseased and a late August and early September bloomer. Plant the bulbs 9 to 12 inches deep. First size, bulbs. Each, 40c; dozen, \$4.00; 100, \$30.00. (Ready November).



Speciosum Magnificum

Beautiful Peonies

Probably no perennial is more universally acclaimed and loved, and we know of none that justifies such popularity more than the Peony. It is hardy, is not bothered by a multitude of ailments and pests, is not particular about soils or fertilizers, does not require frequent transplanting in the garden or continual coddling and anxiety from the gardener. For the little that it needs, it pays back with increasing generosity. Years, as a rule, merely add to its beauty and enhance its lavish display.

HOW TO GROW

The greatest mistake most amateurs make is in manuring their Peonies. The two most serious Peony diseases both seem to be caused by improper fertilization, usually with stable manures.

The best way to do this is to dig a deep and generous hole. Place well-rotted barnyard manure in the bottom, well-mixed with soil. If well-rotted manure is not available, fresh manure will do no harm, provided 8 to 10 inches of good garden soil intervenes between the roots and the manure at planting time. By the time the roots reach the manure, it will no longer be manure and there will be no danger. Never mix manure in the soil around the roots; never mulch it in the soil above the roots; never mulch



Felix Crousse

the surface of the soil with it. With a bed prepared in this fashion, all the fertilizer needed will be a handful of bone-meal or Vigoro around the plant in spring when the stalks begin to push through the soil. Work in the fertilizer but do not allow it to touch the shoots.

An important point to observe in the planting of Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with two or three inches of soil. Too deep planting is a frequent cause of shy flowering. Proper distance apart is from 3½ to 4 feet.

Peonies are best planted from the latter part of September until the ground freezes in the Mountain States.

NOTE:—Figures following varieties indicate the rating given them by the American Peony Society. The highest rating a peony can receive is 10. There is no variety yet with such a rating; 9 is excellent, 8 is very good, 7 is good.

Albert Crousse 8.6—Bomb type. Late. Shell pink. Center slightly flecked crimson. Large, compact and vigorous. 90c each; \$9.00 per dozen.

Baroness Schroeder 9.0—Rose type; late. White with shadings of flesh. This is one of the finest Peonies. Its immense flowers of great substance with high chalice-shaped center are freely produced, lasting a long time. Very fragrant. \$1.00 each; \$10.00 dozen.

Belloiz 8.0—Large, bright currant-red shaded amaranth. 75c each; \$7.50 per dozen.

Duchesse de Nemours 8.1—Guard petals white, center lemon-yellow, cup-shaped; at first it develops into a large bloom, gradually fading to white; fragrant; strong grower and free bloomer. Extra good commercial variety. 50c each; \$5.00 per dozen.

Duchess d'Orleans 7.6—Medium to large; dark carmine-pink and salmon; bomb type; fragrant. A profitable cut flower as it blooms freely and ships well. Midseason. 50c each; \$5.00 per dozen.

Edulis Superba 7.6—This is the famous Decoration Day Peony. Color a beautiful bright, clear pink, with silvery reflex. 50c each; \$5.00 per dozen.

Felix Crousse 8.4—Large, ball-shaped bloom; very brilliant red. One of the finest self-colored varieties. 75c each; \$7.50 per dozen.

Festiva Maxima 9.3—The finest white in cultivation. 50c each; \$5.00 per dozen.

Grover Cleveland 8.2—Rose Type. Late. Dark Crimson. Very large and full. Tall. One of the best red varieties. \$1.00 each; dozen, \$10.00.

Kark Rosenfield 8.8—Large, globular, compact, semi-rose type. Dark crimson. Midseason. Very fine. \$1.00 each; \$10.00 per dozen.

L'Eclatante 7.2—Bomb type, midseason. Flowers very double and full; color deep, brilliant velvety-crimson. 75c each; \$7.50 per dozen.

Madam Leonie Calot 8.1—Milky-white, flesh tinted, flecked with crimson. Late midseason. 60c each; \$6.00 per dozen.

P.-W.'s Peony Collection No. 44

Here is a splendid selection of a half dozen best standard varieties as follows:

1 Festiva Maxima—White	1 Felix Crousse—Red
1 Duchesse de Nemours—White and Yellow	1 Edulis Superba—Pink
1 Officialis Rubra—Red	1 Albert Crousse—Pink

(Regular Value \$3.95)—**SALE PRICE**

\$3.00

Postpaid

Marie Jacquin 8.3—Midseason. Semi-rose type. Known as the "Water-Lily Peony." Very interesting on account of its variable forms. Color is a most delicate flesh tint that gives way to lilac-white. Semi-double; blooms in profusion. \$1.00 each; \$10.00 dozen.

Mme. Jules Dessert 9.4—White, shaded with buff and salmon tints, large flower. Medium height, strong grower. Midseason. A superior variety. \$2.25 each; \$22.50 per dozen.

Mons. Jules Elie 9.2—Immense globular, very full flowers. Color glossy lilac-pink, shading to deeper rose at base, the entire flower overlaid with a sheen of silvery hue. Early midseason. \$1.00 each; \$10.00 per dozen.

Officialis Alba—Extra early, large, old-fashioned double white. 90c each; \$9.00 per dozen.

Officialis Rosea—Extra early double rose pink. 90c each; \$9.00 per dozen.

Officialis Rubra—Extra early, large globular, brilliant crimson. The very popular old time "Piney" first of all in Peonies to bloom in the Spring. 80c each; \$8.00 per dozen.

Philomele 7.7—Striking flower. Guards bright violet-rose. Center deep golden yellow, changing to amber-cream with small crown of bright rose, edged crimson. Midseason Anemone type. An unusual sort. 75c each; \$7.50 per dozen.

Richard Carvel 8.8—Bright crimson. Large, bomb type; tall, profuse bloomer. Very fragrant. A magnificent early Peony. \$1.50 each; dozen, \$15.00.

Rubra Superba 7.2—Magnificent rich brilliant crimson. Very large, full, and double. Highly fragrant. Decidedly the best late red Peony. 70c each; \$7.00 per dozen.

Unnamed Double Peonies

Strong 3-5 eye divisions of good varieties which we have in surplus. We furnish these in separate colors. Red, White and Pink, at 40c each; \$4.00 per dozen.

Fern Leaved Peony

Tenuifolium—A very interesting, early flowering, red variety that is seldom found in catalogs. It is so distinct from all other varieties that it deserves a place in every collection. Its delicate fringed, fern-like foliage always attracts attention. It blooms very early, before the popular Chinese varieties. Our stock is limited. Price, \$1.90 each; \$20.00 per dozen.

New Japanese Varieties

Akaku (Japan) 8.1—Very large deep carmine flowers of uniform color. Clear even tone, fine form and immense in size. Huge center of saffron yellow petaloids. Fine grower and free bloomer. \$2.50 each.

Fusuyama (single)—Soft flesh-pink, changing to white with age; large flowers. \$1.25 each.

Mikado 8.6—Japanese; dark, brilliant crimson petals, center cushion of golden yellow petaloids, crimson edged; long, wiry stems; an exquisite flower. \$2.75 ea.

Hardy Perennial Plants and Seeds

Perennials planted once are always there; the flowers become better as plants grow older. It requires more time for the plants to come to flowering size when seed is planted. Sow the seed outside in early Spring or Summer and transplant when plants are large enough to place where you wish them to flower. To those desiring bloom the first season we offer plants which will give such results.—see prices below.

Alyssum (R)

***Saxatile Compactum (Basket of Gold)**—1 ft. May-June. Producing masses of golden flowers very early. May be planted effectively with Arabis. Seeds, pkt., 10c.

Argenteum—1 ft. Dwarf, dense grower, yellow flowers, in bloom all summer, leaves silvery underneath. Seeds, 10c per pkt.

Anchusa

***Italica, Dropmore Variety**—5 ft. June-July. Beautiful gentian blue, flowers, one of the best perennials. Thrives best in partial shade. Seeds, pkt., 15c.

Anemone

St. Brigid's Strain—May-June. Double and single mixed. 12 in. A beautiful selection of the Coronaria varieties in a wonderful array of colors. Seeds, pkt., 20c.

Aquilegia

(Columbine)

***P.-W.'s Long-spurred Hybrids Mixed**—A wonderful mixture containing all the beautiful tints and tones and color combinations, hardly two being exactly alike. Pkt., 15c; ½ oz., 50c.

***Double Flowering**—All colors, mixed. Pkt., 10c.

Agrostemma

***Coronaria Varieties Mixed**—Attractive free-flowering, producing bright colored flowers on long, slender stems like a single pink; blooms the first season; fine for cutting; 1 to 2 ft. June-September. Seeds, pkt., 10c.

Anthemis

***Kelwayi (Hardy Marguerite)**—2 ft. Daisy-like yellow blossoms, produced all summer. Excellent for cutting. Seeds, pkt., 10c.

Arabis (R)

(Rock Cress)

***Alpina**—6 in. Useful for spring bedding and rockeries; pure white flowers. Seeds, pkt., 10c.

Hardy Asters

(Michaelmas Daisy)

Autumn flowering plants, blooming in a riot of color, usually until snow. About 3 to 5 ft. high.

*Mixed—All Colors

Blue Gem—Semi-double deep blue.

Mrs. Raynor—The nearest red.

Lady Lloyd—Clear rose-pink.

Climax—Lavender, very showy.

Plants, 35c each; \$3.50 per doz.

Dwarf Alpine Aster (R)

***Alpinus**—Indispensable for the rocky or edge of hardy borders, grows 6 to 10 inches high, showy bluish-purple flowers in May and June. Pkt., 25c.

***Albus**—Identical to the above, but with pure white flowers. Pkt., 25c.

Aubrietia (R)

Excellent dwarf spreading plants for borders, beds, or rock gardens, blooms early in spring, height 6 in.

Bougainvillei—The dark blue flowers. Seeds, 25 per pkt.

Eyri—Rose-pink flowers. Seeds, Pkt., 25c.

Achillea

(Milfoil or Yarrow)

Plants: suitable for dry, sunny places. The dwarf kinds are useful for carpeting or for rockeries; the taller varieties as border plants.

Parmica, The Pearl—Pure white, double flowers all Summer. Prized for cutting. Seed, pkt., 15c.

Tomentosa (R)—6 to 8 inches. July to September. Bright yellow flowers. Excellent for rockeries. Seed, pkt., 10c.

Aconitum

(Monkshood)

Summer and late Autumn-flowering plants with bold spikes of hood-shaped flowers, thriving in either sun or shade.

Fischeri—A dwarf variety with pale blue flowers. 18 inches. September. Seed, pkt., 10c.

Napellus (True Monkshood)—3 to 4 feet. July to August. Large dark blue flowers in a raceme. Seed, pkt., 10c.

Aethionema

(Persian Candytuft) (R)

Near relatives of the Candytuft, these hardy little rock plants are of the most fascinating character.

Persicum—Slender spikes deep rosy pink. Seed, pkt., 25c.

Asperula

(Woodruff) (R)

Odorata—6 to 8 inches high. May. Habit erect; leaves usually in a whorl of eight, finely toothed. Increases rapidly and is used for carpeting shady places and for edgings. Heads of snowy white flowers. A fine, scented herb. Seed, pkt., 10c.

Astilbe

(Herbaceous Spirea)

Flowers during June and July. Succeed best in a half-shady moist position in any ordinary garden soil.

Grano—Salmon-pink (4 ft.) 50c each.

Marguerite Van Rechteren—Red tinged lilac (4 ft.) 50c each.

Salland—New fine red (6 ft.) 50c each.

Baptisia

(False Indigo)

Austalis—Dark blue, pea-shaped flowers in June; suitable for the hardy border or wild garden. Very attractive foliage. 2 feet. Seed, pkt., 10c.

Bellis Perennis

(Double Daisy)

Improved giant double-flowering, white and pink. Seeds, pkt., 10c; plants, \$1.00 per dozen.

Canterbury Bells

***Calycanthema (Cup and Saucer)**—Perennial—2 feet, June to August. White, pink, blue, mixed colors. Each of the above, pkt., 10c.

***Campanula Medium (Canterbury Bell)**—2 feet. Double mixed. Pkt., 10c. Single mixed, pkt., 10c.

Campanula Pyramidalis (Chimney Bellflower)—Mixed. 5-6 feet. Pkt., 10c.

***Carpatica (Carpathian Harebell)** (R)—Compact tufts, not exceeding 8 inches high; blooming from June until October. Seed, White or Blue, Pkt., 15c.

Carnation

After a few years' trial, we have proved these to be quite hardy with ordinary protection. Large, double flowers, in bloom all summer.

***Double Mixed, Extra Choice**—Seeds, pkt., 15c.

Cerastium

***Tomentosum (Snow in Summer)**—4 in. Silvery white foliage, covered with snow-white flowers in early summer. Seeds, pkt., 15c.



P.-W.'s Wrexham Hybrid Delphinium

Delphinium (Hardy Larkspur)

Few plants are so handsome as the perennial Larkspur. The most important are the tall hybrids, varying from 1 to 6 feet, and from the palest lavender through every conceivable shade of blue to deep indigo.

***Belladonna (Light Blue)**—3 feet; flowers exquisite shade of turquoise blue. Pkt., 20c.

***Bellamosum**—This is a dark blue of the Belladonna type with which it is identical in habit and growth. Freedom of bloom. Pkt., 20c.

***Chinese (Chinese Delphinium)**—Fine feathery foliage; profuse white or blue flowers from June until September. Excellent for beds, borders and cutting. Either **White or Blue**. Seed, pkt., 10c; 1-16 oz., 30c.

P.-W.'s Gold Medal Hybrids—Height 6 feet. Unquestionably one of the finest strains of mixed hybrids offered. Large flowers on spikes two feet and over, the majority running in the lighter shades of blue. Mixed colors. Pkt., 25c. Large clumps, 25c each; \$2.50 per doz.; 10c per clump; postage extra.

P.-W.'s Wrexham Hybrids

A wonderful type of Hardy Larkspur often referred to as the Hollyhock Strain because the stately spikes with their large, single, semi-double, and double blooms appear not unlike a spike of Hollyhock. Includes many colors. Pkt., 50c; 1-16 oz., \$1.00. Large clumps, 25c each; \$2.50 per doz. Postage extra 10c per clump.

SPECIAL OFFER No. 45

P.-W.'s WREXHAM AND GOLD MEDAL HYBRIDS, DELPHINIUM PLANTS
Our special selection of 25 Assorted Large Field Grown Delphinium Plants, Wrexham and Gold Medal Hybrids. All Prepaid For Only **\$4.50**

PLANTS—Any of the above varieties marked (*) 20c per clump; \$2.00 per doz.; \$15.00 per 100. If by mail add 5c each or 30c per doz. for packing and postage. (R) These varieties are suitable for rock gardens.

P.-W.'s PERENNIAL FLOWER PLANTS AND SEEDS—(Continued)

Centaurea

Good plants for the flower borders or wild garden, with thistle-like flowers. Blossom in July-August.
Macrocephala—Golden yellow. 2½-3 ft. July-August. Seeds, pkt., 10c.
***Montana Blue** (Hardy Corn Flower)—2 ft. June-September. Beautiful blue. Seeds, pkt., 10c.

Cheiranthus

(Siberian Wallflower) (R)
Allioni—A beautiful rock plant. Dazzling fiery orange flowers, on stems about a foot high. Best used as a biennial as it frequently blooms itself to death. Seed, pkt., 10c.

Chelone

(Shellflower)
 Handsome perennials, growing about two to four feet high, and bearing numerous spikes of large flower heads. Summer and Fall.
Barbata Torreyi—Terminal spikes of scarlet flowers. Seed, pkt., 10c.
Barbata Hybrids Praecox—Rich colored early flowering hybrids. Seed, pkt., 10c.

Chrysanthemum

***Old-Fashioned Types**—Double Aster-like flowers. Colors, Red Bronze, White, Pink and Yellow. (Plants only)
***Pom-Pom**—Miniature types, white, pink, bronze, yellow, red, (plants only)
***Japanese Types**—These are the harder early flowering selections from those mammoth indoor or Green-house types. Yellow, Pink, Lavender and White. Plants only).

Coreopsis

***Lanceolata Grandiflora** — 2 feet. Large, orange-yellow flowers on long graceful stems. About the best yellow cutflowers blooming incessantly. Pkt., 10c.
Semi Double Grandiflora — The beautiful semi-double flowers are considered by many, more attractive than the single type; otherwise the same as "Lanceolata." Pkt., 15c.
Dianthus (Hardy Pinks)
***Deltoides (R)** (Maiden Pink)—8 in. Delicate pink blossom carried above fine, feathery foliage. Seeds, 25c per pkt.
***Plumaria (R)**—These very desirable sweet-scented, low-growing, early blooming and free flowering Hardy Garden Pinks are unequalled for the borders.
***Single Mixed**—Delicately fringed flowers. Pkt., 10c.
***Double Mixed**—Fine for cutting. Pkt., 10c.

Dicentra

(Bleeding Heart)
Spectabilis—Its long racemes of graceful heart-shaped pink flowers are always attractive. Is perfectly at home in any part of the hardy border and especially valuable for planting in the shade. Strong roots. Each, 50c; doz., \$5.00. 3-year roots in can \$1.00 each.
Exima (R)—Plumy Bleeding Heart. Dwarf, 12 inches. Racemes of pendant pink flowers borne above fine cut feathery foliage. Plants, each, 40c; doz., \$4.00.

Digitalis (Foxglove)

These produce spires of blossoms, three to five feet high in June and July.
***Gloxiniaeflora, Mixed Colors**—Pkt., 10c.

Doronicum

Plantagineum Excelsum — Large bright yellow flowers and one of the most effective very early spring flower. It is also a splendid flower for cutting, as it carries well and stands a long time; succeeds everywhere. Plants, 30c each; \$3.00 per dozen; 10 seeds, 50c.

PLANTS—Any of above varieties marked (*) 20c per clump, \$2.00 per dozen; \$15.00 per 100. If by mail add 5c per dozen for packing and postage. Varieties marked (R) are specially adapted for rock gardens.



Iris Elderado

Eryngium (Sea Holly)

Plants grow 2 to 3 feet high. Flowers to September; used to cut, or dry for winter bouquets.
Amethystinum — The finely-cut spiny foliage, beautiful thistle-like heads of glistening amethystine-blue. Pkt., 10c.

Edelweiss (R)

***Leontopodium Alpinum**—4-5 in. July-July. The flowers are of downy texture, pure silver-white and star-shaped. Succeeds in almost any soil with full exposure to sun. Seeds, 25c per pkt.

Euphorbia

***Polychroma** — 1 ft. April-May. Leaves oblong and dark green, floral leaves different shades of yellow at flowering time. Grows into fine compact bush. Little known but very desirable. Seeds, pkt., 10c.

Hardy Ferns (R)

Hardy Maidenhair Fern—1 ft. The best dwarf fern. Plants, 40c each.
Hardy Lady Fern—2 to 3 ft. Fine delicate fronds, will grow in sun if soil is kept moist. Plants, 40c each.
Hardy Ostrich Fern—3 to 4 ft. Stately, handsome dark green fronds. Plants, 40c each.

Dictamnus (Gas Plant)

Splendid flowers and rich, durable foliage. Blooms in May. Height, 2½ ft.
Fraxinella alba—White flowers. Seeds, Pkt., 10c.

Feverfew (R) (Matricaria)

Little Gem—A most useful border plant and valuable summer cut flower, with large, double white flowers; June until October; 18 to 24 inches high. Pkt., 10c.

Funkia

***Lanceolata**—Valuable by reason of its late flowering, lilac flowers in September, 2 feet.

Gallardia

Flowers in June, and continues the entire season. Height, 18-24 inches.
***Grandiflora Mixed** — Composite flowers, variegated with shades of red and yellow. Pkt., 10c.
***New Hybrids**—Very large flowers. In a great variety of colors. Pkt., 25c.

Geranium

***Sanguineum**—A desirable plant; with pretty cut foliage and bright crimson flowers; blooms the entire season; 18 inches.

Flag Iris (Germanica)

Avoid planting too deep, barely covering the rhizomes (creeping root stems) being sufficient. They are great drought resisters. "S" refers to standards, "F" to falls.

Elderado—"S" fiery opalescent. "F" purplish gold, 20c each; \$2.00 per doz.

Fairy—"S" white, "F" fringed blue. 20c each; \$2.00 per dozen.

Florentina—"S" white, "F" veined, violet, 20c each; \$2.00 per dozen.

King of Iris—"S" clear lemon yellow, "F" rich maroon, bordered yellow, 25c each; \$2.50 dozen.

Lohengrin — Silvery mauve, both "S" and "F" 20c each; \$2.00 per dozen.

Lorely—"S" light yellow, "F" ultra-marine blue. 20c each; \$2.00 doz.

Opera—"S" bright rich pansy violet; "F" rich velvety violet-purple. Each, 50c; \$5.00 dozen.

Palida Dalmatica—Both "S" and "F" clear lavender blue. 25c each; \$2.50 per dozen.

Mixed Colors—6 for 75c; \$1.25 per doz.; \$8.00 per 100.

Geum

***Atrococcineum fl. pl.**—Pretty border plants, growing about 15 to 18 inches high, and producing from May to July brilliant scarlet double flowers. Pkt., 15c.

Hardy Grasses

Gyerium Argenteum (Pampas Grass)—White silvery plumes; blooms the second season; 5 feet. Pkt., 10c.
Eulalia Zebrina (Zebra Grass)—Light green, barred with creamy white across foliage; 6 feet. Pkt., 10c.

***Variegata**—Long, narrow, green leaves, striped with white; fine feathery plumes; 6 feet. Pkt., 10c.

***Pennisetum Japonicum** — Easily grown from seed, making nice plants the first year; 4 feet. Pkt., 10c.

Gypsophilla

Paniculata Flore Pleno—Improvement on the single-flowered type and more lasting, the flowers forming miniature balls of white petals. 2-3 ft. July-August. Not quite fixed, but about 25 per cent come true. Seeds, pkt., 25c.

***Paniculata** (Baby's Breath)—2-3 ft. July-August. Small flowers on branched stems, so thick as to give the plant a white lacelike effect. Seeds, pkt., 10c.

***Repens (R)**—Dwarf white Baby's Breath. Splendid in rockery. Seeds, 15c per pkt.

Hesperis (Sweet Rocket)

Matronalis—Deliciously sweet scented flowers for garden or cutting. 2-3 ft. June-August. Sow in Spring in boxes and transplant in April or May—or sow in open ground in April for later bloom. **White or Purple**—Pkt., 10c; ½ oz., 35c.

Helenium

***Riverton Gem**—Covered from August to October with brilliant old gold and splashes of darker shades, changing later to wall-flower red. 3½ feet Pkt., 15c.

Hellanthus

(Hardy Snowflower)

Maximiliani — Small and graceful flowers of deep yellow on stems 2 to 4 feet long, blooming from August to October. Pkt., 25c.

Perennial Varieties, Mixed—Pkt., 15c.

Hemerocallis

***Flava (Yellow Day Lily)**—The best known variety; very fragrant, deep lemon-yellow flowers in June and July; height, 2½ to 3 feet.

P.-W.'s PERENNIAL FLOWER PLANTS AND SEEDS—(Continued)

We furnish plants of all the varieties listed below marked (*) at 20c each; \$2.00 per dozen; \$15.00 per 100. If by mail add 5c each; 30c per dozen for postage and packing. Varieties marked (R) Rock Garden.

Hibiscus (Mallovs)

Shrub-like plants with handsome green foliage, bearing throughout summer large, bright flowers, from 3 to 5 inches in diameter. August-September. Very hardy. Suitable for garden and indoor use when cut 3 to 5 feet high.

*Mixed Mallow Marvels—Grand assortment. Seeds, pkt., 10c.

Hollyhock

One of the best hardy garden flowers. Makes a charming hedge or background. 6 to 8 ft. August-September.

*Double Varieties—White, Maroon, Rose, Black, Salmon, Yellow, Crimson, Blood-Red. Each color, pkt., 10c.

*Double Mixture—Finest shades in perfect flowers. Pkt., 10c.

*Single Varieties—Red, Pink, Black, Flesh, Rose, White, Salmon. Mixed. Each, pkt., 10c.

Iberis (Perennial Candytuft)

Dwarf evergreen plants, 6 to 10 in., covered with blooms in spring and early summer. Excellent for rockeries or borders where bright dwarf masses are wanted.

*Gibraltarica (R)—Pinkish white. Seeds, 10c per pkt.

*Sempervirens (R)—Flowers from a sheet of whiteness. Seeds, 15c per pkt.

Incarvillea

Delavayi (Hardy Gloxiania)—2 ft. June. Splendid gloxiania flower borne in large, bright rose umbels. Likes a sunny situation. Seeds, pkt., 25c.

Heuchera (Alum Root)

*Sanguinea—2 ft. July-August. Long stems of large crimson-scarlet flowers. Splendid for cutting. Seeds, pkt., 25c.

Lathyrus Latifolius

(Everlasting Pea)

Very decorative climbing vines. Bloom all summer. 6 feet.

*Pink Beauty—Pale pink variety. Seeds, pkt., 10c.

*Rubra—Bright rosy crimson. Seeds, pkt., 10c.

*White Pearl—Large-flowering white. Seeds, pkt., 15c.

*Mixed—The above colors. Seeds, pkt., 10c.

Lavandula (Lavender)

*Vera—This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant, blue flowers in July and August. Seeds, pkt., 10c.

Liatris (Blazing Star)

*Pycnostachya—Showy and attractive native plants, succeeding anywhere, producing large spikes of light rosy-purple flowers in July and August; 5 feet. Seeds, pkt., 10c.

Linaria (R)

*Cymbalaria (Kenilworth Ivy, or Mother of Thousands)—Lavender and purple. Hardy trailing plant, suitable for baskets, vases, pots and rock work. Seeds, pkt., 10c.

*Dalmatica—Large, bright yellow flowers, borne at the tops of the branches in a long, loose spike; 3 to 4 ft. June-September.

PLANTS—Any of above varieties 5c each or 30c per dozen for packing and postage. Varieties especially adaptable for Rock Gardens are marked (R)

Linum (Flax)

*Perenne—A desirable plant for the border or rockery, growing 1½ feet high, with light graceful foliage and large blue flowers all summer. Pkt., 10c.

Lobelia

Handsome plants, thriving in any ordinary garden soil, but preferring a moist, deep loam. Season, August until late September.

*Cardinalis (Cardinal Flower)—2 ft. July-October. Tufts of bronzy-green foliage from which arise spikes of brilliant fiery scarlet flowers. Seeds, 15 per pkt.

Lupinus (Lupine)

Effective plants, producing large spikes of flowers; blooming in May and June. They require only well-prepared garden soil, preferably in a semi-shady location. 3 feet.

*Polyphyllus—Clear blue. Pkt., 10c.

Lychnis Campion

*Chalcedonica (Jerusalem Cross)—A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. Pkt., 10c.

Myosotis

(Forget-Me-Not)

*Palustris Semperflorens—Dwarf blue, in flower from early spring until autumn. Seeds, pkt., 20c.

Papaver (Poppy)

*Nudicaule (Iceland Poppies)—15 inch. Mixed. Elegant free flowering plants bearing flowers in abundance all summer. Pkt., 10c.

Nudicaule yellow, orange, white. Each color, pkt., 10c.

*Oriental Red—For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. 3 feet. Pkt., 10c.

Oriental Hybrids, Mixed—Pkt., 10c.

Pentstemon

(Beard Tongue)

The Pentstemons bloom persistently through the summer, and are found very useful for cut flowers or for color masses in the garden. Easily grown in any garden soil.

*Large Flowering Newest Hybrids—Splendid assortment of colors. Seeds, pkt., 15c.

Nepeta (R)

(Ground Ivy)

*Mussini—Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. For beds, edging or Rock Garden. May-September. Seeds, pkt., 25c.

Physalis

*Franchetti (Chinese Lantern Plant)—1½ ft. Flowers yellow with dark center. Produces balloon-like husks, which turn bright red when ripe and resemble Chinese lanterns. Seeds, pkt., 10c.

Physostegia

(False Dragon Head)

Fine for a cool situation and rich, light soil, bearing erect spikes of pretty tubular flowers. Useful for borders, wild gardens and for cutting.

*Virginiana—Dense bushes with spikes of delicate pink tubular flowers. 3 ft. June-September. Seeds, pkt., 10c.

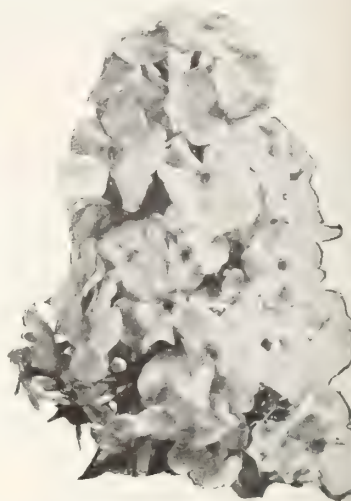
Phlox (Hardy)

Decussata—2-3 ft. June-October. Perennial varieties mixed from a celebrated collection. Seed slow in germination and may not sprout in a year. Seeds, pkt., 15c.

*Phlox Subulata (R)

(Moss or Mountain Pink)

An early Spring flowering type with pretty moss-like, evergreen foliage, which, during the flowering season, in April and May, is hidden under the masses of bloom. An excellent plant for the rockery, the border and invaluable for carpeting the ground or covering graves. We supply three colors—White, pink and purple.



"Thor" Phlox

Phlox (Hardy Perennial)

Phlox are a garden in themselves, succeed in almost any soil and position, and flower freely for many years.

B. Comte, rich French purple.

Beacon, bright cherry red.

Commander, New bright crimson dark eye.

Michael Buchner, pale lavender strong grower.

Mrs. Jenkins, pure white.

Rheinlander, salmon-pink claret eye.

Richard Wallace, white, changing to a pale blush with red eye.

Rosenberg, wine purple, tall grower, very showy.

Ryndstrom, deep rose-pink.

Thor, lovely shade deep salmon-pink.

PRICE—Any of above, each, 30c; dozen, \$3.00.

Platycodon

Chinese Bell Flower or Balloon Flower—Very handsome border plants of the Campanula family, the flowers in bud having the appearance of inflated balloons, they flower from June to September.

*Grandiflorum—1-2 ft. Large handsome deep blue flowers. Seeds, pkt., 10c.

COLLECTION OF HARDY PHLOX

The five varieties are described above—B Complete, Beacon, Michael Buchner, Richard Wallace, and Thor.

No. 52—One each (5 roots prepaid value \$1.75)\$1.40

No. 53—Three each (15 roots prepaid value \$5.25)\$3.75

ALL CHARGES PREPAID

P.-W.'s PERENNIAL FLOWER PLANTS AND SEEDS—(Continued)

We furnish plants of the varieties marked (*) listed below. Prices, except where otherwise noted—Field-Grown Plants: 20c each; \$2.00 per dozen; \$15.00 per 100. If by mail add 5c each; 30c per dozen, for postage and packing.

Polemonium (Jacob's Ladder)

***Coeruleum** (Greek Valerian)—Two feet. Beautiful sky-blue skies. Pkt., 10c.

Grandiflorum Album—Pure white. Pkt., 10c; 1/4 oz., 25c.

Reptans (R)—8 to 10 inches. April to June. Dwarf, bushy plant of graceful growth. Showy blue flowers. Pkt., 15c.

Primula (R)

These are among our most delightful spring flowers. Good for shady spots and Rock Gardens.

***Aurciula**—6 inch. Flowers in early spring in colors of yellow, brown and red. Pkt., 10c.

***Veris** (Elatior) (Grandiflora)—The pale yellow Oxlip, bearing flowers in umbels. An extra choice, large flowered mixture strain. Pkt., 20c.

Pyrethrum

One of the most valuable of our early summer flowers. Charming color, and wonderful lasting properties as a cut flower; flowers in May and June, and frequently in August and September; in all shades of rose and pink.

***Roseum, Double Mixed**—Extra choice, selected seed. Only a small percentage will be double, balance will be semi-double and single in fine variety. Pkt., 25c.

***Roseum Hybridum Grandiflorum. Single Mixed**—Pkt., 15c.

Rudbeckia

The Rudbeckias are very decorative plants for shrubberies, flower borders or side of auto drives, thrives in any good garden soil.

***Hirta** (Black-Eyed Susan)—2-3 ft. Rich golden-yellow with central black disc. Seeds, pkt., 15c.

***Laciniata fl. pl.** (Golden Glow)—July-October. Yellow. 5 to 7 feet. 1 pkt. of 20 seeds, 25c.

***Purpurea Grandiflora**—3 ft. September; large, handsome crimson-purple flowers with dark central disc. Pkt., 10c.

Salvia

***Pitcher** (Meadow Sage)—Makes a grand showing in the fall and is without a doubt one of the best of all Autumn blue flowers. August and September. 4 feet. Pkt., 10c.

Saponaria (R)

***Ocymoides**—Very showy, hardy rock plant, producing during the summer months masses of small, bright rose flowers; 9 inches. Pkt., 10c.

Sedum (R)

Fine plants for rock gardens, ruins, banks and walls, preferring open, loamy soil and stones. They are especially suited to sunny locations.

Acre (Golden Moss)—May-June. Yellow. 3 in. Pkt., 25c; plants, 30c each. \$3.00 dozen.

Brilliant—June-July. Scarlet. 12 in. Pkt., 25c; plants, 30c each; \$3.00 dozen.

Stolonifera—Flat succulent leaves; flowers purplish-pink; July and August. 6 inches. Pkt., 25c; plants, 30c each; \$3.00 dozen.

Santolina (R)

(Lavender Cotton)

A sweet smelling, dwarf, evergreen with delicate, silver-white foliage, useful as rock or border plants. One foot.

Scabiosa (Pin Cushion)

***Caucasia Perfecta**—Light blue flowers on long stem; fine for cutting. 18 in. June-October. Seeds, pkt., 10c.

Shasta Daisy

***Alaska**—2 ft. Wonderful show of large, white flowers. Fine for cutting. Blooms all summer. Pkt., 10c.

Statice (Sea Lavender)

Large, spreading panicles of light graceful flowers, much prized for winter decoration; dried.

***Latifolia**—2 ft. Dense branching plumes of deep blue flowers. Pkt., 10c.

Sweet William

Johnson's Giants—The range of color includes shades which are not to be found in other strains, and the peculiar and delicate markings on the flowers are most attractive. Pkt., 15c.

***Single Giant-Flowered Mixed**—Pkt., 10c.

***Double Giant-Flowered Mixed**—Pkt., 15c.

Separate Colors—Single pink and red. Pkt., 10c.



Sweet William

Sidalcea

***Rose Queen**—Erect branching plants 2 to 3 feet, producing during June and July pretty, mallow-like flowers, about an inch in diameter. Bright rose color.

Silene (Catchfly) (R)

***Schafta** (Autumn Catchfly)—A charming border or rock plant from 4 to 6 inches high, with bright pink flowers from July to October.

Stokesia (Stokes Aster)

***Cyanea**—18 inches July-October. Flowers rich blue, like a giant cornflower, very distinct. Seeds, pkt., 10c.

Thalictrum (Meadow Rue)

Aquilegfolium—Graceful foliage like that of Columbine, and rosy purple flowers from June to July. 2 to 3 feet.

Tritoma (Red-Hot Poker)

***Grandis** (Pfizer)—Orange-scarlet 3 ft. August-September. Seeds, pkt., 15c.

Tunica (R)

Saxifraga—A pretty tufted plant with light pink flowers, produced all Summer. Useful either for the rockery or the border. Pkt., 10c.

Valeriana

(Garden Heliotrope)

***Coccinea**—Showy heads of old rose flowers. June to October. 2 feet. Pkt., 10c.

Veronica (Speedwell)

***Longifolia Subsessilis** (Japanese Speedwell)—The showiest and best of the Speedwells; from a bushy plant 2 to 3 feet high with long dense spikes of deep blue flowers from the middle of July to early in September. Pkt., 15c.

Rupestiris (R)—A fine rock plant 3 to 4 inches high; thickly matted deep green foliage, a cloud of bright blue flowers; May. Pkt., 15c.

Rupestiris Nana (R)—Prostrate and creeping, forming a dark green carpet of shiny foliage which is covered with deep blue flowers in late April and early May; 1 inch high; one of the best early blue rock plants known. Pkt., 15c.

Vinca (R)

Valuable for rockeries or makes a grand evergreen carpet under and about shrubs and trees.

Minor (Grave Myrtle)—4 in. June. Green foliage, large blue flowers. Plants, 20c each; doz., \$2.00; 100 \$12.00. Seeds, pkt., 10c.

Viola (R) (Viola Odorata)

Jersey Gem—Possesses the dwarf habit and continuity of blooming of the true horned Viola (*V. cornuta*), and vigorous, bushy growth and roundish foliage of the finest English bedding varieties. Pure, rich violet, slightly perfumed. Seeds, pkt., 25c.

Sweet Violet—Deep blue, single; extra large. Seeds, pkt., 10c; Plants, 15c each; \$1.50 doz.; \$10.00 per 100.

Yucca

Filamentosa—5-6 ft. or more. June-July. Handsome creamy-white flowers, much branched and densely packed with bloom, with sword-like foliage. Seeds, pkt., 10c.

1-year plants, 25c each; \$2.50 doz.

P.-W.'s Surprise Collection of Plants

No. 49 Rock Garden—A truly fascinating collection of carefully selected hardy plants all labeled. We include well known favorites and choice specimens of good varieties in which we grow in large quantities. At least 15 different varieties in each "Surprise" collection. Our selection of varieties and all properly labeled, including 25 choice plants, all prepaid for **\$3.50**.

PLANTS—Any of above varieties marked (*) 20c per clump; \$2.00 per dozen; \$15.00 per 100. If by mail add 5c each or 30c per dozen for packing and postage. Varieties especially adaptable for Rock Gardens are marked (R) immediately after the name.

COLLECTION OF HARDY PERENNIAL PLANTS

No. 46 Twenty-five Plants

Not more than three of a kind. Our own selection. All easily grown and very showy. Delivered **\$4.00** for

No. 47 Fifty Plants

Not more than three of a kind. Our own selection, to make a fine display. Delivered **\$7.00** for

No. 48 One Hundred Plants

Not more than five of a kind. Selected by us, to give a glorious display of blooms. **\$12.00** delivered for

Remember the Fall Vegetable Garden

Why allow your ground to be idle after harvesting your summer vegetables when you can just as well make it work for you Spring, Summer and Fall. All prices include delivery charges.

ONION SEED FOR FALL SOWING

	Pkt.	Oz.	1/4 Lb.	Lb.
Extra Early Barletta	\$.05	\$.20	\$.60	\$2.00
Crystal White .....	.10	.25	.85	2.60
Extra Early Pearl .....	.05	.20	.60	2.00
Early White Queen .....	.05	.20	.60	2.00
P.-W.'s Southport White Globe..	.05	.25	.80	2.50
Round Silver-Skin (Portugal)....	.05	.20	.60	2.00
P.-W.'s Sweet Spanish .....	.10	.25	.85	2.60
P.-W.'s White Sweet Spanish.....	.10	.50	1.65	5.00

ONION SETS

Onion Sets planted this fall will produce the earliest Spring Onions without winter protection. Price: Yellow varieties, 20c lb.; 10 lbs., \$1.75, postpaid. White Sets, 25c lb.; 3 lbs., 75c; 10 lbs., \$2.00, postpaid. Write for prices on quantities.

SEE GENERAL CATALOG FOR REGULAR LIST OF VEGETABLE SEEDS

Farm Seeds for Fall Planting

Consistent with our Policy to sell the best, we furnish only such grades that have been critically grown from highest germination and purity: this fact should be in mind when comparing prices with other sources of supply. PRICES FLUCTUATE. Please write for quantity prices on Alfalfa, Sweet Clover and Grass Seeds. Also Wheat and Rye or anything else desired in Farm Seeds.

Bromus Inermis—Sow 20 to 30 lbs. per acre. Pound, 30c, postpaid. Not prepaid, 10 lbs., \$2.25.

Red Top—Sow 25 pounds per acre. Pound, 30c, postpaid. Not prepaid, 10 lbs., \$2.25.

Orchard Grass—Sow from 20 to 25 pounds per acre. Pound, 30c, postpaid. Not prepaid, 10 lbs., \$2.25.

English or Perennial Rye Grass—30 pounds per acre, spring or fall. Pound, 25c, postpaid. Not prepaid, 10 lbs., \$1.75; 100 lbs. at market price.

Meadow Fesque—Sow in spring or fall at the rate of 30 pounds to the acre. Pound, 25c, postpaid. Not prepaid 10 lbs., \$1.75.

Tall Meadow Oat Grass—Sown alone, use 30 pounds to the acre, either spring or fall. Pound, 50c, postpaid. Not prepaid, 10 lbs., \$4.00; 100 lbs. at market price.

Red or Creeping Fescue—Lb., 40c; 3 lbs., \$1.10, postpaid. Not prepaid, lb., 35c; 10 lbs., \$3.25.

Western Wheat Grass—For dry land without equal. Sow 15 lbs. per acre; lb., 25c, postpaid. Not prepaid, 10 lbs., \$1.75.

Kentucky Blue Grass—See page 23.

Timothy—12 pounds to the acre. Pound, 20c, postpaid. Not prepaid, 10 lbs., \$1.75.

Alfalfa, Hardy Deseret—Lb., 30c, postpaid. Not prepaid, 10 lbs., \$2.50; 100 lbs., market price.

Alfalfa Seed Grimm (Certified)—Lb., 45c, postpaid. Not prepaid, 10 lbs., \$4.25; 100 lbs., market price.

Alsike Clover (Swedish Hybrid)—Sow at the rate of six or eight pounds per acre; sown in mixtures, five or six pounds per acre is sufficient. Lb., 45c, postpaid. Not prepaid, 10 lbs., \$3.50; 100 lbs., market price.

Medium Red Clover (Trifolium Pratense)—Sow either in the spring or fall at the rate of fifteen pounds to the acre. Lb., 40c, postpaid. Not prepaid, 10 lbs., \$3.00.

Sweet Clover or Bokhara (Melilotus Alba) White Blossom—Sow at the rate of 10 to 15 pounds per acre. Cover the seed very lightly. Lb., 25c, postpaid. Not prepaid, 10 lbs., \$1.75; 100 lbs., market price.

Yellow Blossom (Melilotus Officinalis)—Lb., 25c, postpaid. Not prepaid, 10 lbs., \$1.75; 100 lbs., market price.

P.-W.'s Mixture No. 1 (For Meadows and Pastures)—Sow 25 pounds per acre. Pound, 35c, postpaid. Not prepaid, 10 lbs., \$3.00; 100 lbs. at market price.

WESTERN ALKALI GRASS

The seed is very fine and as it stools it should be sowed very thin for a permanent crop. Seeding can be done any time from September 1 until spring; broadcast right on the snow and not after the snow is gone and land dries off and starts to crack. Use "Cyclone" seeder, sowing two pounds per acre for meadow or pasture. It is better to keep stock off in the spring, while plant roots are forming and the ground is soft.

When instructions are followed, this grass will grow and produce a large crop, either white or black alkali. It

		MUSHROOM SPAWN		
		Bricks	1	2
Pure Culture			\$.45	\$.80

SPINACH

	Pkt.	Oz.	1/4 Lb.	Lb.	10 Lbs.
King of Denmark	\$.05	\$.10	\$.25	\$.35	\$3.00
Long Standing .....	.05	.10	.15	.35	3.00
P.-W.'s Bloomsdale Savoy..	.05	.10	.15	.35	3.00

VEGETABLE ROOTS

	Ea.	Doz.	100	1000
Asparagus— year roots.....	\$.60	\$ 1.75	\$12.00	
Rhubarb .....	.25	2.00	12.00	
Horseradish .....	.06	.60	3.50	

	Each	Doz.
Chives, Per Bunch.....	\$.20	\$2.00
Garden Sage, Per Root.....	.25	2.50



Western Alkali Grass

will make a fair crop the first year and a full crop the second year, and stand more summer drought than any grass I have ever seen. The third year will be still better than the second.

It commences to bloom when the head is about half way out of the boot. If the season is very dry, it may not completely head out and it is better to cut it before it bleaches. Cut it under these circumstances when it commences to bleach. Price: Pound, \$1.50; 5 lbs., \$7.00; 10 lbs., \$13.00, postpaid. Write for quantity prices.

SUCCESS WITH WESTERN ALKALI GRASS Commissioner of Agriculture for Utah, Harden Bennion, Writes

"My information and acquaintance with what is known as 'alkali grass' is that I have seen this grass growing on land in Duchesne County which was very wet and heavily saturated with alkali. In fact, the ground carried so much alkali that very little, if any, soil could be seen. Seepage from the irrigated lands above was coming from the ground and before this grass started growing there it looked from a distance almost like a snowbank. Some of this grass, growing within fenced pastures, seemed to be particularly attractive to cattle and I think would make very excellent pasturage. In my opinion this 'alkali grass' will, undoubtedly, be a big asset to the owners of alkali lands within our state."



P.-W.'s Velvet Green Lawn Seed and Vigoro Fertilizer Insures a Beautiful Green Sward.

Lawns Made in the Fall

have many advantages over those made during the Spring months, as the conditions are ideal for quick germination of seed, and the plants will make deeper roots and more healthy growth, besides there is less danger of being winter-killed than there is a Spring-sown grass being killed by extreme heat of July and August. We advise all who contemplate making a new lawn, or renewing the old, to do the work this Fall, as the grass will become well established before freezing weather. The seed we offer has been most carefully selected and none better can be obtained. (See page 24 for Vigoro, the ideal fertilizer for lawns.)

P.-W.'s Velvet Green Lawn Mixture—The best lawn seed experience can suggest or that money can buy. Produces a beautiful, permanent lawn in four to six weeks. By properly choosing early, medium and late grasses a smooth, even green lawn is assured from early spring to late autumn. In P.-W.'s Velvet Grass Seed are included only the very best varieties—pure, clean and free from fowl seed. Sow at rate of one pound to 200 square feet. Price: 1 lb., 60c; 3 lbs., \$1.35, postpaid. Not prepaid. lb., 55c; 10 lbs., \$5.00.

P.-W.'s Lawn Terrace Mixture—This produces a deep-rooted, fine, green, closely interwoven, velvety surface, which will hold together under the most severe conditions. Price: lb., 60c, postpaid. Not prepaid, lb., 55c; 10 lbs., \$5.00.

Shady Nook Lawn Mixture—Prepared especially for shady places where it is difficult to get a turf established. lb., 65c, postpaid. Not prepaid, 60c lb.; 10 lbs., \$5.50.

White Clover—First class re-cleaned seed. Specially selected for lawn use. lb., 60c, postpaid. Not prepaid. lb., 55c; 10 lbs., \$5.00.

Red Top Grass—Fancy re-cleaned solid seed; in popularity for lawn use it is a close second to Kentucky Blue Grass. lb., 35c, postpaid. Not prepaid, lb., 30c; 10 lbs., \$2.75.

P.-W.'s Creeping Bent—This is the true Creeping Bent Grass, which we are able to offer to the trade this season.

P.-W.'s Creeping Bent has been harvested under closest inspection. Especially recommended for Lawn and Golf Courses, for the reason that it makes an exceptionally fine turf that smothers out dandelions and other weeds. It is an ideal lawn grass, makes a very fine, green color, close sward and adapts itself readily to any soil.

Sow in Fall or Spring 3 to 4 lbs. to 1,000 square feet. We offer the best obtainable grade of this species. 1 lb., \$1.25; 3 lbs., \$3.35, postpaid.

Kentucky Blue Grass—The main stay for lawn making. Our stock is extra fancy re-cleaned heavy seed. The purest and cleanest obtainable. lb., 60c; 3 lbs., \$1.35, postpaid. Not prepaid, lb., 55c; 10 lbs., \$5.00.

Red or Creeping Fescue (Festuca Rubra)—Because of its good creeping root system this makes splendid turf for putting greens. When used for greens it should be sown alone. It makes a good ingredient for lawn mixture as it does well in sandy soil and in shaded places. Sow in Spring or about the first of September. lb., 40c; 3 lbs., \$1.10, postpaid. Not prepaid, lb., 35c; 10 lbs., \$3.25.

Market Fluctuates—Write for Quantity Prices on All Grass Seed.

Pansies

Pansies like cool weather, and the best way to grow them in the north is to start them in the late summer and carry the plants over the winter in a cold frame. The plants will then come into flower with the first tulips.

Boulogne Giant Mixture—The flowers are of the largest size, great substance, fine form and are borne on particularly strong stems. They are mostly 3 and 5 blotched delicately veined. Pkt., 25c; 1-32 oz., \$1.00.

P.-W.'s Best Giant Mixture—It includes the richest reds, coppers and bronzes, together with the most delicate rose-pink shadings; pkt., 25c; ½ oz., \$1.00.

Masterpiece (New Giant Curled or Spencer Pansies)—The petals are crimped and curled so the flowers appear double. Pkt., 25c; ½ oz., 75c.

Steele's Mastodon Mixed—This is one of the most colorful mixtures of mammoth flowering pansies of which we are familiar. Pkt., 25c; 1-16 oz., \$1.00.

Paris Market—An improved strain of Trimardeau, with better flowers and more compact habit. ¼ oz., 50c; pkt., 10c.

Swiss Giants—Marvelous variety of colors. Glants in size, free blooming qualities. Pkt., 25c; 1-16 oz., \$1.00.

Separate Colors—Ruby Red, Violet Blue, White, Yellow. Pkt., 15c; ½ oz., 50c.

Early Flowering Spencer Sweet Peas

This new type is in great demand by commercial florists for forcing under glass and are just as valuable for outdoor culture.

Meadow Lark—Primrose yellow.

Fair Maid—Blush-pink.

Morning Star—Rosy salmon.

Early Harmony—Clear lavender.

Early True Blue—Rich mid-blue.

Blue Bird—Violet blue.

Grenadier—Dazzling scarlet. Pkt.,

10c; oz., 65c; ¼ lb., \$1.95.

Illumination—Salmon cerise.

Lavender King—Clear lavender.

Mrs. Kerr—Salmon. Very fine. Pkt.,

10c; oz., 65c; ¼ lb., \$1.95.

Snowstorm—Imp. Pure white.

Yarrowa—Rose-pink.

Zvolanek's Rose—Rose-pink.

Any of above except where noted—Pkt., 10c; oz., 55c; ¼ lb., \$1.75.

FOR REGULAR LIST OF STANDARD GIANT SPENCER SWEET PEAS SEE SPRING CATALOG

Many in this climate are successful with outdoor Fall planting of Sweet Peas.

Fertilizers for Lawn and Garden

Unless otherwise specified, prices on all Fertilizers are f. o. b., Salt Lake. If desired by mail add postage to order.

Bone Meal—A good fertilizer, should be forked in the soil in the Fall if possible. 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.65; 100 lbs., \$2.75

Bat Guano—A pure, natural manure, excellent for mixing with soil for garden or greenhouse. One part to six parts soil. Especially rich in nitrogen and humus. 25 lbs., \$1.00; 100 lbs., \$2.75; \$48.00 per ton.

Fish and Meat Meal—Very much in demand for celery, lettuce and other garden crops. 25c lbs., \$1.00; 100 lbs., \$3.00. Write for quantity prices.

Stim-U-Plant—An all-the-year fertilizer for garden and house plants. An odorless, highly concentrated plant-food in tablet form, with guaranteed chemical analysis of 11 per cent nitrogen, 12 per cent phosphoric acid, 15 per cent potash. Price: 10 tablets for 15c; 30 tablets for 40c; 100 for 75c; 1000, \$3.50.

Sulphate of Ammonia—Apply 100 to 500 lbs. per acre. Use only after plants are above ground. If used in liquid form dilute 2 oz., to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 25c; 25 lbs., \$1.00; 100 lbs., \$3.50.

GRANULATED PEAT MOSS

Most valuable as a soil conditioner. It adds organic matter; conserves moisture and aerates, used extensively for mixing in soil for pot plants, also window boxes, lawn, flower or vegetable garden; mulching Perennial and Rose beds as well as around Evergreens, both broad-leaved and coniferous sorts. We recommend it for packing and storing bulbs, such as Cannas, Dahlias, etc. Large bales (covering about 250 sq. ft., 4 in. deep), \$4.50 each. Broken bale lots, 8 lbs., 50c; 20 lbs., \$1.00; 50 lbs., \$2.00.

Spray Your Trees and Shrubs this Fall

Most people do not realize the importance of Fall spraying. As soon as leaves are off, spray thoroughly with a good Dormant Spray.

Free Emulsion—The "Certain Death" to scale insects and destroys Brown Mites and Apple Leaf Roller Eggs and controls Canker Rot, Twig Blight, and many other fungus diseases. 1 gallon can, \$1.00, shipping weight, 11 lbs.; 5 gallon can, \$4.50.

See Spring Catalog for Spray Pumps, and other Spraying Materials We carry a complete line.

Hardy Ornamental Vines and Creepers

Your home, outbuilding, fence and trunks of old trees can be made very attractive by the use of hardy vines. We furnish strong two-year-old field plants at prices given below for Fall delivery.

AMPELOPSIS ENGELMANNI—New Virginia Creeper—Equipped with tendrils, by which it will climb walls of stone or brick, similarly to Boston Ivy. Each, 60c.

AMERICAN IVY—Virginia Creeper or Woodbine (*Ampelopsis Quinquefolia*)—A strong, rapid grower. Hardy everywhere. Each, 60c.

BOSTON OR JAPAN IVY (*Ampelopsis Veitchii*)—It clings firmly to the smoothest surface, producing a perfect mass of foliage. Each, 75c.

BIGNONIA RADICANS (Trumpet Vine)—Dark red, orange throat; free blooming, rapid grower. Each, 75c.

CELESTRUS SCANDENS (Climbing Bitter Sweet)—Handsome large leaves; yellow flowers in May and June and clusters orange-capsuled fruit in autumn. Desirable for shady places. Each, 75c.

CLEMATIS—Paniculata (Virgin's Bower)—Hardy everywhere. Pure white, fragrant, glossy, rich green foliage. Each, 75c.

CLEMATIS Jackmanii—A deep violet-purple. Each, \$1.00 \$1.00.

QUANTITY PRICE SCHEDULE FOR TREES, SHRUBS, ROSES, VINES, ETC.

Where each price only is printed in this Catalog the table below determines the 10 and 100 rates on the respective items of trees, shrubs, etc. Unless otherwise specified the prices are f.o.b. Salt Lake City.

Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is	Where each Price is	Per Ten Rate is	Per 100 Rate is
\$.25	\$ 2.25	\$ 20.00	\$.80	\$ 7.50	\$ 64.00	\$2.75	\$24.75	\$220.00
.30	2.70	24.00	.85	8.00	67.50	3.00	27.00	240.00
.35	3.25	28.00	.90	8.50	72.00	3.25	29.25	260.00
.40	3.60	32.00	.95	9.00	76.00	3.50	31.50	280.00
.45	4.00	36.00	1.00	9.50	80.00	3.75	33.75	300.00
.50	4.50	40.00	1.25	11.25	100.00	4.00	36.00	320.00
.55	5.00	44.00	1.50	13.50	120.00	4.25	38.25	340.00
.60	5.50	48.00	1.75	15.00	140.00	4.50	40.50	360.00
.65	5.75	52.00	2.00	18.00	160.00	4.75	42.75	380.00
.70	6.25	56.00	2.25	20.00	180.00	5.00	45.00	400.00
.75	6.75	60.00	2.50	22.50	200.00	5.50	50.00	440.00

Five or more of one variety at the 10 rate, 25 or more at the 100 rate.

VIGORO

Specialty prepared plant food

Clean, Odorless, Easy to Apply

Enjoy Better Lawns, Flowers and Gardens

There is no secret in having a velvety lawn, colorful flowers, crisp, succulent vegetables, luxuriant shubbery, and stately trees.

VIGORO, an effective way to secure finest results. The cost is only 10c to 20c for every 100 square feet. It is clean, odorless, easy to apply, and contains all of the elements of plantfood required to produce early, vigorous growth, and bring the lawn, fruit, flowers, and foliage to full development.

Complete directions in every bag. Many years of extensive research work and actual growing tests have been devoted to Swift & Company's horticultural experts to the development of VIGORO. Prices, f. o. b. Salt Lake. 12-oz. pkg., 15c; 5-lb. bag, 60c; 25-lb. bag, \$2.00; 50-lb. bag, \$3.75; 100-lb. bag, \$6.00

NOTE—We are general agents for Swift's Red Steer Brand Fertilizers for Special farm crops made up according to definite formulas to suit soil and crop, write for details and prices

Lime-Sulphur (Dry Form)—A good remedy for scale; also an excellent fungicide, a very effective dormant spray for trees and shrubs. 1 lb., 35c; 5 lbs., \$1.35; 10 lbs., \$2.25; 25 lbs., \$4.00.

See Spring Catalog for Spray Pumps, and other Spraying Materials We carry a complete line.

EUONYMUS RADICANS VEGETA (Evergreen Bittersweet)—A strong growing variety with glossy, green leaves, producing bright orange-red berries which remain the greater part of winter. Large size from 5 gal. cans or B. & B., each, \$2.50. Small size bare root, 75c.

HONEYSUCKLE—Halls Japanese—Almost evergreen. Covered with sweet, yellowish-white flowers most all summer. Each, 75c.

HONEYSUCKLE—Scarlet Trumpet—A strong, rapid grower; produces scarlet, flowers. Each, 75c.

IVY—English—Grows well in shade. Small size, 4 in. pots. Each, 50c; Large size, gallon cans. Each, \$1.25.

POLYGONUM AUBERTII—Silver Lace Vine—Strong, vigorous; attains height of 25 feet or more, and producing through the summer foamy sprays of white flowers. Each, \$1.00.

WISTERIA—Chinese—Flowers pea-shaped, borne in dense, drooping clusters in mid-spring. Purple or white. Each, \$1.00.

WISTERIA MULTIJUGA FLOREPLENA—Long racemes of double purple flowers; very beautiful. Each, \$2.00.

P-W's GLORIOUS ROSES

Some Things To Observe for Success With Roses When Planted in the Fall

HOW TO PLANT—The rose delights in an open, airy situation; all types are partial to clay loam, but will succeed in any ordinary soil if enriched with well rotted barnyard manure. Dig up the soil thoroughly to a depth of twelve to fifteen inches. Dig a hole sufficiently large to accommodate the root, and pour a half pail of water into the hole; in filling, shake the plant slightly so that the soil may fall evenly all around the roots; this avoids cavities. Firm the soil well around the plant in order that it may be solid. Be sure that the buds or grafts, that is where the lower branches begin, are at least 2 inches below the surface of the soil. Bush Roses can be set 1½ feet apart, climbing varieties from 4 to 6 feet apart, the standard Roses 3 or more feet apart.

To prevent the top branches from shivering up before the root system has been developed, the earth should be hilled up as shown in Fig. 2.

WINTER PROTECTION—We have found that the most satisfactory protection is to draw a mound of soil from eight to ten inches high around the base of the plants, then covering the entire beds after the ground begin to freeze with any loose material, such as strawy manure, leaves, etc. (See cut, Fig. 3).

Our collection of Roses embraces over eighty varieties, covering almost every desirable type known to cultivation. Please refer to Regular Catalog for description. The varieties that are available for Fall delivery we list below.

SALMON, CORAL, COPPER AND APRICOT SHADES

- Annie Laurie (H.T.)**—Flesh-pink. Each, 60c.
Betty (H.T.)—Coppery-rose, Shaded Golden. Each, 60c.
Empire Queen (H.T.)—Clear, rich cerise. Ea. 75c.
Irish Fire Flame (H.T.)—Fiery orange-red. Ea. 75c.
Los Angeles (H.T.)—Flame-pink, toned coral. Ea. 60c.
Madam Butterfly (H.T.)—Pink, suffused apricot, Each, 60c.
Maud Cummings (Per)—Peach, shaded coral-pink. Each, 75c.
Ophelia (H.T.)—Salmon-flesh shaded rose. Ea. 60c.
Mme. Edouard Herriot (H.T.)—Coral-red, shaded yellow. Each, 75c.
Padre (H.T.)—Coppery-red, flushed yellow. Each 75c.
Talisman (H.T.)—Shadings of gold, apricot, yellow and deep pink. Ea. \$1.25.
Willowmere (H.T.)—Coral-red, suffused carmine. Each, 75c.
William F. Dreer (H.T.)—Silvery shell pink. Ea. 75c

PINK AND ROSE SHADES

- America (H.T.)**—Peach-pink. Each, 75c.
Briarcliff (H.T.)—White, cream center. Each, \$1.00.
Columbia (H.T.)—Peach-Blow Pink. Each, 75c.
Dame Edith Helen (H.T.)—Brilliant soft rose-pink. Each, 75c.
Frank W. Dunlap (H.T.)—Deep pink. Each, 75c.
George Ahrends (H.P.)—Clear, brilliant pink. Ea. 60c.
Killarney (H.T.)—Brilliant pink. Each, 60c.
Lucinda (H.T.)—Pure bright rose. Each, \$1.00.
La France (H.T.)—Silvery pink. Each, 60c.
Madame Caroline Testout (H.T.)—Bright pink. Each, 60c.
Mme. Seg. Weber (H.T.)—Salmon-pink. Each, 60c.
Miss Rowena Thom (H.T.)—Brilliant rose-pink. Each, \$1.00.
Mrs. John Laing (H.P.)—Delicate shiny pink. Ea. 60c.
Radiance (H.T.)—Brilliant, carmine-pink. Each, 60c.
Rose Marie (H.T.)—Clear rose-pink. Each, 60c.
Winnie Davis (H.T.)—Brilliant apricot-pink. Each, 60c.
F. J. Grootendorst—New red hybrid. Each, 60c.
F. J. Grootendorst—New pink hybrid. Each, 60c.

- Bess Lovet**—Clear, bright crimson. Each, 60c.
Christine Wright—Bright, wild rose pink. Each, 60c.
Climbing American Beauty—Red. Each, 60c.
Dorothy Perkins—Pink, and white. Each, 60c.

For Quantity Prices see page 24. 10 extra for packing and postage.

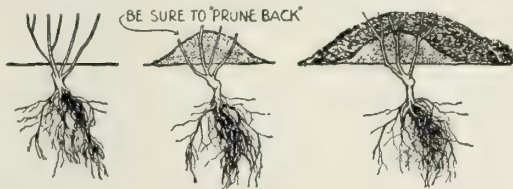


Fig. 1—Proper Depth to Plant Fig. 2—Properly hilled up "after planting" Fig. 3—Winter protection in cold regions

CRIMSON, RED AND SCARLET SHADES

- Crusader (H.T.)**—Velvety crimson. Each, 60c.
Edward Mawley (H.T.)—Crimson. Each, 60c.
Etoile De France (H.T.)—Clear red. Each, 60c.
Gruss an Teplitz (H.T.)—Fiery-crimson. Each, 50c.
Hadley (H.T.)—Velvety crimson. Each, 60c.
Hoosier Beauty (H.T.)—Dazzling, Crimson-scarlet. Each, 60c.
Mrs. A. R. Waddell (H.T.)—Rosy-salmon. Each, 60c.
Prince Camille de Rohan (H.P.)—Deep crimson. Each, 75c.
Mrs. F. R. Pierson (H.T.)—Scarlet-Crimson. Ea. 60c.
Red Radiance (H.T.)—Clear cerise-red. Each, 60c.
Souvenir de Georges Pernet (H.T.)—Brick-red, Salmon-pink. Each, 60c.
Ulrich Brunner (H.P.)—Cherry-red. Each, 60c.

ORANGE AND YELLOW SHADES

- Duchess of Wellington (H.T.)**—Yellow shaded crimson. Each, 75c.
Feu Joseph Looymans (H.T.)—Yellow shaded apricot. Each, \$1.00.
Eugenia Lamesch (Pol.)—Orange-yellow. Each, 75c.
Florence L. Izzard (H.T.)—Golden-yellow. Ea. 75c.
Golden Pernet—Cadmium to sunflower. Each, 75c.
Hugonis—Delicate Yellow. Each, 60c.
Mrs. Calvin Coolidge (H.T.)—Rich yellow. Each, 75c.
Mrs. Aaron Ward (H.T.)—Coppery-orange to golden. Each, 75c.
Old Gold (H.T.)—Vivid reddish-orange. Each, 60c.
Ophelia Golden (H.T.)—Rich golden-yellow. Each, 75c.
Rev. F. Page Roberts—Copper-red to golden-yellow. Each, 75c.
Souvenir de Claudius Pernet (H.T.)—Sunflower-yellow. Each, 75c.
Sunstar (H.T.)—Deep yellow edged, veined crimson. Each, 90c.

WHITE AND BLUSH WHITE

- American Beauty White (H.P.)**—Snow-white. Ea, 75c
Kaiserine-Augusta Victoria (H.T.)—White, tinted lemon. Each, 60c.
White Killarney, Double (H.T.)—Pure white. Ea. 60c.

RUGOSA ROSES & RUGOSA HYBRIDS

- Hansa**—Purplish-red. Each, 50c.
New Century—Flesh-pink. Each, 50c.
Sir Thomas Lipton—Pure white. Each, 50c.

HARDY CLIMBING ROSES

- Flower of Fairfield**—Deep crimson. Each, 60c.
Mary Wallace—Clear, rose-pink. Each, 75c.
Paul's Scarlet—Glowing Crimson. Each, 60c.
Tausendschoen—Soft pink to carmine. Each, 60c.
Climbing Mme. Caroline Testout—Cerise-pink. Each, 60c.

If by mail, add 10 each; 50c per

P.-W.'s ROSE COLLECTION—OFFER No. 50

SEVEN VIGOROUS EVER-BLOOMING ROSES

- Frau Karl Druschki**—White. **Mrs. Aaron Ward**—Yellow.
F. J. Grootendorst—Red. **Los Angeles**—Flame-Pink.
Mad. Ed. Herriott—Coral. **Hoosier Beauty**—Red.
Mad. C. Testout—Pink.

(Regular Delivered Value \$5.35)
ALL PREPAID FOR.....

\$4.25

Talisman

Hardy Ornamental and Flowering Shrubs

Except where otherwise specified, the stock offered here is hardy, acclimated Utah Grown—two, three and in some instances four years old, well branched with strong, vigorous roots and should not be considered in price competition with inferior grades.

For your convenience we have indicated in each description the height, spread and blooming period. For example, ("H 3-4, S 3-4") may be interpreted "height, 3 to 4 feet, spread, 3 to 4 feet. It is understood that the sizes given are only approximate, and will vary considerably, according to soils and climate. Shrubs marked (*) can be grown in partial shade, but they will also thrive in full exposure to the sun.

Acanthopanax

Pentaphylla (5 leaf Aralia)—Long, slender, gracefully arching branches and bright green, compound foliage, especially attractive. Greenish-white flowers in long umbels. H 6-9, S 5-6). 2-3 ft., 75c; 3-4 ft., 85c.

Flowering Almond

The flowers are borne on its slender branches during May and are very fragrant. H 3-5, S 4. **Double Pink.** **Double White.** 2-3 ft., 75c each.

*Althea (Rose of Sharon)

Blooming from August to October; extensively used as hedge plants. We offer in four distinct colors. **Red, Pink, White and Purple.** (H 10-12, S 6-8). 2-3 ft., 75c each.

Amorpha

False Indigo (A. fruticosa)—Grows in large spreading bush form, with bright green leaves in pinnate arrangement; flowers deep violet blue, in June. (H 8-10; S 8-10). 3-4 ft., 75c; 4-5 ft., 90c.

Aralia

Spinosa (Devil's Walking Stick)—Sometimes called "Hercules Club." Blooms July, August, large panicles, white flowers followed by black berries, develops a tree-like form, branches very spiny. (H 15-18, S 7-8). 2-3 ft., 75c.

*Berberis (Barberry)

Japanese Barberry (B. Thunbergii)—Beautiful shrub for hedges, border, screens or general purposes. Very compact and needs no attention with the shears. (H 3-4, S 3-4). 15-18 in. shrubs, 35c each; 10 for \$3.00; 18-24 45c each; 10, \$4.00. Three-year specimen shrubs, 75c each.

New Red Leaved Barberry

(B. Thunbergii Atropurpurea)—In habit of growth and in fruiting it is identical with the popular Japanese Barberry, but its foliage develops a rich, bronzy-red color. (H 3-4, S 3-4). 12-18 in., 60c; 18-24 in., 75c each.

Buddleia (Butterfly Bush)

(B. David Magnifica)—Blossoms in July and continues until frost. Flowers are lavender-lilac, borne in dense spikes. (H 5-6, S 4-5). 1-year plants, 50c; 2-year plants, 75c.

B. Veitchiana—Similar to above, except flowers are deep mauve purple. 1-year plants, 75c; 2-year, \$1.00 each.

Caragana

Siberian Pea Tree (C. Sibirica)—Compound leaves bright green; numerous small clusters of yellow flowers. (H 8-10, S 8). May and June, 18-24 in., 30c; 2-3 ft., 50c each; 3-4 ft., 75c; 4-6 ft., \$1.00.

Calycanthus

(Sweet Shrub) (C. Floridus)—An old-fashioned shrub known to everyone. Its flowers are deep reddish-brown, sweet-scented; deep green, glossy foliage, free from disease. (H 5-6, S 4-5). 2-3 ft., 75c.

All prices on shrubs are f.o.b. Salt Lake. See page 24 for quantity price schedule. If by mail add 5c each extra for 18-24 in. size; 10c each extra for 2-3 ft. and 15c extra for 3-4 ft. size for packing and postage.

Caryopteris (Blue Spirea)

Incana—Sometimes called **Blue-beard**. From early September until frost is a mass of lavender-blue flowers. Not hardy in exposed situations. (H 2-3, S 2-3). Plants 15-18 in., \$1.00 each.



Flowering Almond

Clethra (Summer Sweet)

Alnifolia (White Alder, or Sweet Pepper Bush)—Dwarf shrub bearing spikes of pure white, deliciously fragrant flowers July to September. (H 4-6, S 4). 18-24 in., \$1.00 each.

Corylus (Hazel Nut)

Americana—Well known native American nut-bearing shrub that makes an attractive addition to natural planting. (H 8-9, S 8). 2-3 ft., \$1.00

*Chokeberry (Aronia)

Arbutifolia—Attractive pale green, foliage coloring to vivid red in the Fall. White flowers in May are followed by masses of red berries. (H 7-9, S 6-8). 2-3 ft., 85c; 3-4 ft., \$1.00.

Melanocarpa (Black Chokeberry)—Same habit as above, except grows taller and has black berries. (H 8-10, S 8-10). 2-3 ft., 85c; 3-4 ft., \$1.00 each.

*Cornus (Dogwood)

Red Siberian (C. Sibirica)—Produces cream colored flowers in June light blue fruits, and bright red twigs and branches. (H 6-8, S 6). 2-3 ft., 50c; 3-4 ft., 75c.

Golden Twig (C. Stolonifera, Lutea)—Yellow stemmed. Clusters of white flowers, stems and branches are yellow. (H 7-8, S 7). 2-3 ft., 50c; 3-4 ft., 75c.

Variiegated Dogwood (Cornus Elegantisima)—Silver and green foliage, red bark, sometimes known as Silver Blotch Dogwood. (H 5-6, S 4-5). 2-3 ft., \$1.25; 3-4 ft., \$1.50 each.

Silky Dogwood (Amomum)—Young twigs are purple, flowers white, followed by pale blue berries, prefers moist soils. (H 8-9, S 7-8). 2-3 ft., 85c; 3-4 ft., \$1.00 each.

Cotoneaster

Acutifolia—Showy, stately shrub. With lustrous green foliage, white flowers in June, followed by black berries. (H 6-7, S 5-6). 12-18 in., 60c; 2-3 ft., 75c; 3-4 ft., \$1.00 each.

Cydonia

Japan Quince (Japonica)—A single shrub on the lawn is very attractive; brilliant crimson flowers, among the first in the spring. (H 4-5, S 5). 18-24 in., 50c each; 2-3 ft., 75c; 3-4 ft., 85c.

Currant (Ribes)

Aureum (Missouri Golden Currant)—Grows to a height of from 4 to 7 feet. Pretty, spicy, sweet-scented, bright yellow flowers in May, and its clean attractive foliage. (H 4-5, S 5). 2-3 ft., 75c; 3-4 ft., 85c.

Deutzia

Popular shrubs; flower in June and through July and August.

Crenata (Rosea Plena) — Double light pink; very desirable tall shrub. (H 6-8, S 6). 2-3 ft., 75c; 3-4 ft., 85c.

Gracilis—A favorite dwarf bush, covered with spikes of pure white flowers. (H 2-3, S 3). 18-24 in. 75c; 2-3 ft., \$1.00.

Pride of Rochester—Fine, tall growing double white flowering variety. (H 6-8, S 5). 2-3 ft., 75c; 3-4 ft., \$1.00.

Exochorda

Pearl Bush—Vigorous grower; dazzling white flowers in numerous terminal racemes. A narrow upright shrub which prefers a moist, fertile soil. (H 6-8, S 4). May, 2-3 ft., 75c.

Euonymus

Americana (Strawberry Tree) — American Burning Bush. Very showy in autumn, loaded with scarlet seed pods, orange-colored berries. (H 7-8, S 6-7). 18-24 in., 85c; 2-3 ft., \$1.25 each.

Alatus (Winged Euonymus) — In Autumn the oval, bright green leaves of this shrub fade to gorgeous tones scarlet berries. Attractive purple of red and crimson. (H 6-8, S 6). 18-24 in., \$1.00; 2-3 ft., \$1.25.

Eleagnus Longipes

Japanese Oleaster — Nearly evergreen light foliage, which is silvered on the under surface, yellow fragrant flowers in May followed with orange-colored fruit (H 6-8, S 6). 2-3 ft., \$1.00.

Forsythia (Golden Bell)

Fortunei — Strong, erect habit; bright golden-yellow flowers in early spring. (H 7-8, S 6). 18-24 in., 45c; 2-3 ft., 60c; 3-4 ft., 75c.

Suspensa (Weeping Golden Bell)—Tall willowy growth, branches gracefully arching, covered with golden-yellow bells. (H 4-6, S 7). 2-3 ft., 75c; 3-4 ft., 85c.

P-W's SPECIAL MAIL SIZE ORNAMENTAL SHRUB COLLECTION No. 51

Regularly we always recommend and offer larger sizes but this exception is made to suit the needs of those where service is necessary via parcel post. Every shrub is well rooted, sound and vigorous. One each of the following ten popular varieties:

Coral Berry	Bridal Wreath	Golden Bell	Mock Orange	Snowberry
Burning Bush	Rose-red Spirea	Golden Elder	Honeysuckle Bush	Tamarix

The Above Ten Hardy, Vigorous Shrubs at the Small Cost of.....

\$3.00
POSTPAID

Fringe Tree

Purple (Smoke Tree). *Rhus Cotinus*—A conspicuous spreading shrub or small tree with large clusterly round leaves; overhung in midsummer by mist-like clouds of tiny flowers. These billowing panicles are a light lavender; give the impression of smoke at a distance. (H. 8-10, S 8). 18-24 in., \$1.00; 2-3 ft., \$1.25.

White. *Chionanthus Virginica*—A very showy shrub, growing to large size; with large, leathery, shiny leaves, and lace-like white flowers borne in gracefully drooping panicles. (H 8-10, S 8). 2-3 ft., \$1.25.

Honeysuckle Bush (Lonicera)

Tartarian (*Lonicera Tatarica*)—Most popular of the bush varieties. Foliage dark glossy green, blooms in June. (H 8-10, S 6-8). **Red, Pink, White.** 18-24 in., 50c; 2-3 ft., 65c; 3-4 ft., 85c; 4-5 ft., \$1.00.

Fragrantissima, Winter Honeysuckle—Small, deliciously fragrant, white flowers tinged with yellow in the early Spring before the leaves appear. Holds its green foliage until midwinter. (H 6, S 4-5). April. 2-3 ft., 75c.

Morrowi—A handsome Japanese variety with white flowers during May, but especially valuable for its bright and red fruit during the summer and autumn months. (H 6-8, S 5-6). 18-24 in., 50c; 2-3 ft., 65c.

Spinosa Alberti—Dwarf growing type with bluish green leaves and fragrant rose-pink flowers in May and June. (H 2, S 2-3). 12-15 in., \$1.00 each; 15-18 in., \$1.50 each.

Standishi—Half evergreen shrub with spreading branches, fragrant bluish-white flowers in April, followed by scarlet berries. (H 6, S 7). 18-24 in., \$1.50 each; 2-3 ft., \$2.00 each.

Thibetica—A valuable new variety, low growing, dense, thickly branched, leaves glossy green, pale purple flowers in May, followed by red berries. (H 5, S 5). 18-24 in., \$1.50; 2-3 ft., \$2.00 each.

*Hamamelis (Witch Hazel)

Virginiana (Witch Hazel) — Bears blooms in late Fall and early Winter at a time when all other shrubs are dormant. The heart-shaped leaves give it a decorative appearance but the chief attraction is the bright, yellow flowers which seem to be so out of season. (H 10-12, S 9). 18-24 in., 60c; 2-3 ft., 75c; 3-4 ft., \$1.00.

*Hydrangea

Aborescens Grandiflora (Hills of Snow or Snowball Hydrangea)—Snow white blossoms of largest size; flowering from early June until late July. (H 3, S 3). 2-3 ft., \$1.00.

Paniculata Grandiflora—Blossoms in July and August; pure white to pink, and finally to a beautiful rich coppery red. (H 5-6, S 5). 2-3 ft., \$1.00.

Oak Leaved (*Hydrangea Quercifolia*)—Light green leaves similar to an oak leaf. Pure white flowers in mid-summer borne in huge panicles. Autumn leaves colorful. Thrives in partial shade with plenty of moisture. (H 3-4, S 3). 2-3 ft., \$1.75.

*Hypericum

Prolificum—Shrubby St. John's-Wort. Bright yellow flowers are borne in branching terminal clusters. Narrow, lustrous dark green leaves cover the numerous compact branches. (H 2-3, S 2-3.) July. 18-24 in., 75c each; 2-3 ft., \$1.00 each.

Kerria

Japonica—A graceful shrub for the front of a shrubbery border, or in a mixed planting around porches. Attractive golden-yellow double flowers are borne from June to October. (H 4-5, S 3.) 18-24 in., 75c; 2-3 ft., \$1.00.



Philadelphus Virginialis
Kolkwitzia Amabilis
(Beauty Bush)

Growing 6 to 8 feet high at maturity with long arching branches, this variety combines all the merits of a perfect shrub; hardiness, year around beauty of foliage and habit, and an amazing profusion of pale pink bell-shaped flowers in June. 18-24 in., \$1.75; 2-3 ft., \$2.00 each.

Philadelphus (Mock Orange)

Coronarius (Garland Mock Orange)—This is a popular tall variety refined and beautiful; large white flowers. (H 6-8, S 4-6). 18-24 in., 45c; 2-3 ft., 60c; 3-4 ft., 75c; 4-5 ft., \$1.00.

Grandiflorus (Large-flowered Syringa)—Vigorous, upright grower. Slender branches with an abundance of pure white, fragrant flowers in June. (H 8-10, S 8). 18-24 in., 45c; 2-3 ft., 60c; 3-4 ft., 75c; 4-5 ft., \$1.00.

Virginialis (Mock Orange)—One of the most beautiful new varieties. Vigorous, tall grower, with very large, double-crested flowers, with round petals. Pure white, sweetly scented clusters of blossoms. 18-24 in., 60c; 2-3 ft., 75c.

*Ligustrum (Privet)

Amurense—Extremely hardy; upright grower, foliage glossy green, holds color until late. (H 14-15). 18-24 in., 35c each; 2-3 ft., 50c.

Vulgaris (English)—Leaves small dark green. White flowers in June, followed by black, shiny berries. (H 10-12). 18-24 in., 25c each; 2-3 ft., 40c each.

Obata Regelianum (Regals Privet)—Makes a splendid low, dense hedge, also good in shrubbery planting. Glossy deep green foliage, height, 5 to 6 feet at maturity. 18-24 in., 40c each, 2-3 ft., 60c each.

Lodense—Very dwarf and compact, not exceeding two and one-half feet. Glossy deep green foliage, very attractive. Splendid low hedge or for low specimen plants. 9-12 in., 35c each; 12-15 in., 50c each.

Loespedeza

Formosa (Purplish Bush Clover)—An attractive Autumn herbaceous shrub. Rosy purple flowers in September. (H 3-4, S 3.) 2-year plants, 75c each.

Stephandra

Flexuosa (Lace Shrub)—Of graceful fountain-like habit of growth with finely and delicately cut leaves, which in the autumn assume brilliant reddish tints; the flowers are creamy white. Each, 60c.

Physocarpus (Ninebark)

Opulifolius (Ninebark) — Quick growing, tall shrub, useful for screens; white flowers followed by bright, red fruit in July. (H 8-10, S 6). 18-24 in., 50c; 2-3 ft., 75c; 3-4 ft., 85c.

Opulifolius Aureus (Golden Ninebark)—Tall, with spreading branches and leaves, are yellow when first appears in Spring. Whitish flowers appear early Summer, followed by bright red pods. (H 8-10, S 6.) 2-3 ft., 75c; 3-4 ft., 85c.

Opulifolius Nana (Dwarf Ninebark)—Dwarf form dense growing, attractive white flowers in May-June, followed by red pods. (H 4-5, S 4). 18-24 in., 75c; 2-3 ft., \$1.00.

Rhodotypos

Kerrioides (White Kerria)—Bright green leaves, and pure white flowers in late Spring; later black berries that hang on all Winter. (H 4-5, S 3-4). 2-3 ft., 85c.

Rhus (Sumac)

Canadensis (Fragrant Sumac) — Sweet scented, dwarf growing, yellow flowers in short spikes along the branches, bright red fruits which appear later are clothed with short, silky hairs. Beautiful Autumn foliage. Good for rock gardens. (H 3-4, S 4). 2-3 ft., 85c each.

Copallina (Shining Sumac)—Pretty, glossy foliage, very brilliant in the Fall, and winged-leaved stems give it distinct appearance. (H 4-6, S 5). 2-3 ft., 60c; 3-4 ft., 75c.

Typhina (Staghorn Sumac)—One of the most brilliant plants in Autumn, when the green foliage turns to red, and the showy red fruit is borne high above surrounding shrubs. (H 10-12, S 6.) 3-4 ft., 75c; 4-5 ft., \$1.00.

Typhina lachinata (Shredded Sumac)—The branches are densely covered with velvety hairy-like growth resembling the developing Elks' Horn. Flowers in white panicles. Deeply serrated leaves whose deep crimson color and persistent crimson fruit makes it attractive for background. July. (H 10-12, S 6-8). 3-4 ft., 75c; 4-5 ft., \$1.00.

Robinia

Hispida (Rose acacia)—This beautiful shrub is much appreciated because of the abundance of its large, pink, pea-like flowers. (H 4-5, S 5.) 2-3 ft., \$1.00.

Sorbaria—(See False Spirea).

Sambucus (Elder)

Acutiloba (Cut Leaf Elder)—Attractive finely cut green leaves and large cymes of white fragrant flowers in June to July, followed by clusters of berries. (H 8-10, S 8.) 2-3 ft., 70c; 3-4 ft., 85c.

Canadensis Aurea (Golden Elder)—Bright yellow foliage, commonly used in massed planting to avoid monotony in the green effects. (H 6-8, S 5.) 2-3 ft., 70c; 3-4 ft., 85c.

HEDGES AND SCREENS

On varieties not detailed we can furnish special sizes, and shall be glad to quote quantity prices. The deciduous shrubs most popular for hedges we list below.

Berberis Thunbergii (Japan Barberry)—Special size, 1 to 1½ ft., 10 for \$2.75; 25 for \$5.50; 100 for \$20.00.

Hardy Privet (*Ligustrum*)—18-24 in., 10 for \$1.25; 50 for \$3.50; \$10.00 per 100; 2-3 feet, 10 for \$2.00; 50 for \$6.50; \$12.00 per 100.

All prices on shrubs are f.o.b. Salt Lake. See page 24 for quantity price schedule. If wanted by mail add extra 5c each on 18-24 in. size; 10c each on 2-3 ft. size, and 15c each on 3-4 ft. size, for packing and postage.

Spireas

Anthony Waterer—Dwarf, bushy, of spreading type, with large corymbs brilliantly colored rosy crimson. Very free flowering, at its best in late Summer. (H 2-3, S 3.) 18-24 in., 60c; 2-3 ft., 75c.

Arguta—Deep green foliage; of minute, purest white flowers. Early May (H 3, S 3.) 18-24 in., 60c; 2-3 ft., 75c.

Billiards Spirea (S. Billardi)—Upright grower, with pink flowers in spikes or plumes 5-6 inches long in midsummer. (H 6, S 6.) 2-3 ft., 75c; 3-4 ft., 85c.

Callosa alba (White Japanese Spirea)—Similar to Anthony Waterer in habit and growth, but flowers are white. (H 3-4, S 3.) 18-24 in., 60c; 2-3 ft., 75c.

False Spirea (Sorbaria Sorbifolia)—A handsome, beautiful arching shrub covered with pointed clusters of cream-white, foamy flowers. (H 6-8, S 6.) 2-3 ft., 75c; 3-4 ft., 85c.

Froebeli (Froebel Spirea)—Leaves are purple when young. Deep rosy blooms are borne in abundance in the middle of Summer, and over a long period. (H 3-4, S 4.) 18-24 in., 60c; 2-3 ft., 75c.

Douglasi (Douglas Spirea)—Deep pink spikes of flowers in July and August, a delightful contrast against the white downy leaves. (H 5-6, S 5.) 18-24 in., 60c; 2-3 ft., 75c.

Korean (Trichocarpa)—New Spirea discovered in Korea. Produces large, rounded clusters of snowy flowers marked with darker eyes in early June, beautiful glossy green foliage late into the Autumn. (H 4, S 4.) 2-3 ft., \$2.50 each.

Prunifolia (Double Bridal Wreath)—One of the best; a beautiful shrub medium size, double white flowers in May. (H 6-8, S 6.) 18-24 in., 60c; 2-3 ft., 75c.

Thunbergii—Graceful and beautiful at all seasons. White flowers in May. (H 4, S 3.) 18-24 in., 60c; 2-3 ft., 75c each.

***Van Houtte** (Bridal Wreath)—This is the most satisfactory shrub in cultivation. The bush is round and graceful with long, thin, arching branches. The white flowers are in clusters, and are so numerous that when in full bloom the bush resembles a snowdrift. (H 6-8, S 6.) May and June. 2-3 ft., 50c; 3-4 ft., 75c.

All prices quoted on shrubs are f.o.b. Salt Lake City. See page 24 for quantity price schedule. If by mail add 5c each on 18-24 in. size; 10c each on 2-3 ft., and 15c each on 3-4 ft. size, for packing and postage.



Spirea Van Houtte

Syringa or Lilac

Vulgaris (Common)—(8 to 15 ft.) Large clusters of fragrant purple flowers in the Spring. 2-3 ft., 60c; 3-4 ft., 75c.

Vulgaris Alba (White Lilac)—2-3 ft., 75c.

P.-W.'s Persian Lilac—Habit more open and branches more slender and drooping than the Common Lilac. Flowers light purple. Grows 6 to 10 feet. 2-3 ft., 75c each; 3-4 ft., \$1.00.

S. Villosa (Japan Lilac)—Large branching panicles of flowers, a pink lilac tint. Late flowering. Bushes are stickier, more tree-like than other types. 2-3 ft., \$1.00.

French Lilacs

These Lilacs may be developed in either the shrub or tree form. Height, 10 to 15 feet, according to variety.

Charles X.—Reddish-purple.

Michel Buchner—Double Lavender.

Mme Lemoine—Double White.

Ludwig Spaeth—Rosy-purple.

Price—Any of above four varieties. 2-3 ft., \$1.50 each; 18-24 in., \$1.00.

*Symphoricarpus

Racemosus (Snowberry) (B) — A graceful shrub with slender branches. Flowers white. (H 4-5, S 4.) 2-3 ft., 60c; 3-4 ft., 75c.

Vulgaris (Coral-Berry) (B) — A grand shrub, producing a wealth of red or purplish berries which remain on the branches all winter. Leaves ovate, bright green. (H 4, S 3-4.) 2-3 ft., 60c; 3-4 ft., 75c.

Variiegated Coralberry — Beautiful golden foliage adds color. (H 4, S 3-4) 2-3 ft., \$1.00.

Tamarix

Amurensis—Feathery silver foliage and small, delicate pink flowers, borne profusely in May. (H 8-10, S 6.) 2-3 ft., 50c; 3-4 ft., 65c.

Gallica (French Tamarix) — Light pink flowers in May. Bluish green foliage. (H 8-9, S 6.) 2-3 ft., 50c; 3-4 ft., 65c; 4-5 ft., 85c.

Hispida (Kashgar Tamarix)—A distinct variety, with delicate, soft pink sprays of flowers in July and August. (H 15, S 6.) 2-3 ft., 75c; 3-4 ft., \$1.00.

Viburnum

Carlesi—Delicate rose-tinted white, sweet-scented flowers produced in terminal sub-globose cymes 2 to 3 inches in diameter. Good, bushy specimens. (H 4, S 3.) 18-24 inches, \$3.50 each.

***Dentatum** (Arrow-wood) — Green leaves turn to purple and red tones in Autumn. Creamy white flowers, followed by blue-black berries. (H 6-8, S 6.) 2-3 ft., \$1.00.

Nannyberry (V. Lentago)—Wrinkled Lantana-like leaves; white flowers in May, followed by fruit. Bluish crimson to black. (H 12-15, S 10-12.) 2-3 ft., \$1.00.

***Opulus** (European Cranberry)—White flowers in June, followed by bright scarlet berries, attractive. (H 10-12, S 10.) 2-3 ft., \$1.00 each; 3-4 ft., \$1.50 each.

Opulus Sterilis (Common Snowball)—Ball-like, pure white flowers. (H 8-10, S 10.) 2-3 ft., \$1.00.

Plicatum (Japan Snowball) — Dark green foliage and balls of pure white flowers in May. (H 6-8, S 8.) 2-3 ft., \$1.00.

***Tomentosum** (Single Japanese Snowball)—Snowy flowers, beautiful foliage, decorative fruits. (H 8, S 6.) 2-3 ft., \$1.00.

Weigelas

Eva Rathke—Blooms continuously throughout the summer. Autumn; flowers are a rich ruby-carmine. (H 4-5, S 5.) 2-3 ft., 75c.

Candidi—White flowering, flowering throughout the summer. (H 6-8, S 8.) 2-3 ft., 60c.

Rosea—A beautiful shrub with rose colored flowers. (H 5-6, S 5.) 2-3 ft., 60c; 3-4 ft., 75c.

Ornamental Trees

Allanthus (Tree of Heaven)

Glandulosa—A rapid growing, lofty tree, long, elegant foliage. Exempt from disease and insects. 4-6 ft., 90c each; 6-8 ft., \$1.50 each; 8-10 ft., \$2.00 each.

Ash

American White (Fraxinus Americana)—A rapid growing native tree of fine symmetrical outline. Price—4-6 ft., 50c each; 6-8 ft., \$1.00 each; 8-10 ft., \$1.75 each.

Blue Ash (Fraxinus Quadrangulata)—Very shapely symmetrical tree for Park or Avenue. Bark smooth of deep bluish green, leaves larger than other varieties of Ash, deep green, changing in autumn to reddish purple. 6-8 ft., \$2.25; 8-10 ft., \$3.00.

Green Ash (Fraxinus Lanceolata)—Shapely round top with dark green foliage. Price: 3-4 ft., 75c; 4-6 ft., \$1.00 each; 6-8 ft., \$1.50 each; 8-10 ft., \$2.00 each.

European Mountain Ash (Sorbus Aucuparia) (Rowan Tree)—Flowers white, in flat clusters, four to five inches broad, followed by rather large,

red berries. Very handsome at any season. 4-6 ft., \$1.50; 6-8 ft., \$2.00 each; 8-10 ft., \$2.50 each; 10-12 ft., \$3.00 each.

Oak Leaf Mountain Ash (Sorbus Quercifolia)—Similar to "European" except the leaves are shaped like the oak. 6-8 ft., \$2.25 each.

Box Elder

Ash-Leaved Maple (Acer Negundo)—A fine, rapid-growing avenue tree, withstands both cold and drought; thrives where other trees fail. 4-6 ft., 60c; 6-8 ft., 90c; 8-10 ft., \$1.25; 10-12 ft., \$1.75 each.

Birch (Betula)

Cut-Leaved Weeping Birch—The foliage is fine and deeply cut. Many consider this the most beautiful deciduous tree in cultivation. 6-8 ft., \$3.00; 8-10 ft., \$3.50.

European White Birch (Betula Alba)—Of which Coleridge says: "Most beautiful of forest trees, the lady of the woods." Tall, upright, distinctive white bark. 6-8 ft., \$1.75; 8-10 ft., \$2.25 each.

Catalpa

Bungel (Umbrella Tree)—Beautiful globe-shaped tops being grafted high on clean, straight stems; valuable for landscape designing, especially for formal effects. One year head. \$2.00; two-year-old heads, \$2.50.

Speciosa (Western Catalpa)—Rapid grower producing large panicles of fragrant flowers, delicately marked with violet and yellow. 4-6 ft., 75c; 6-8 ft., \$1.25; 8-10 ft., \$1.75; 10-12 ft., \$2.25 each.

Crab

Bechtels Double Flowering—Hardy, of medium size, covered in early spring with large, beautiful double, fragrant flowers, resembling small roses of a delicate pink. Ideal for a small yard. 2-3 ft., \$1.25; 3-4 ft., \$1.50; 4-6 ft., \$2.00 each.

Flowering Cherries

Double Cherry (Prunus Florepleno)—A charming small tree with branches completely covered with a mass of large double flowers in May. Either **Pink** or **White**. 3-4 ft., \$1.50; 4-5 ft., \$2.00 each.

All prices quoted on trees are f.o.b. Salt Lake City. See page 24 for quantity price schedule. Small sizes under four feet can be sent parcel post where desired. Add 15c each extra for packing and postage.

Elm (Ulmus)

American Elm (*Ulmus Americana*)—Tall and stately with a graceful, wide-spreading form vase-like, densely covered with a rich, bright green foliage. 4-6 ft., 75c each; 6-8 ft., \$1.00 each; 8-10 ft., \$1.50; 10-12 ft., each, \$2.25. Specimen, \$3.50.

English-Elm (*Ulmus Campestris*)—A native of Europe; a noble rapid-growing tree, forming a dense head; a desirable tree for streets, avenues, etc., 6-8 ft., \$2.00 each; 8-10 ft., \$2.75 each.

Molin Elm—The young tree is, in shape, somewhat like a Lombardy Poplar, with leaves often 6 inches across. The older trees become more spreading with more nearly horizontal branches. 6-8 ft., \$2.00 each; 8-10 ft., \$2.50 each.

New Chinese or Siberian Elm (*Ulmus Pumila*)—A clean, fast grower, free from disease and pests. Thoroughly hardy and vigorous under most trying soil and climatic conditions. Its resistance to drought, alkali and extreme temperature makes it very valuable for our Western conditions. 3-4 ft., 75c each; 4-6 ft., \$1.00; 6-8 ft., \$1.50; 8-10 ft., \$2.00; 10-12 ft., \$2.50.

Camperdown Elm (*U. scabra pendula*)—Always top grafted. Limbs grow outward and downward, giving the tree a remarkably picturesque aspect. 2 year heads, \$4.00 each; 3 year heads, \$4.50.

Hawthorne (Flowering Thorns)

English Double Flowering White (*Crataegus Oxyacantha fl. pl.*)—The double white form of the fragrant English Hawthorne; flowers in May and June. Color changes to pink before blossoms fall. 6-8 ft., \$2.50 each.

Paul's Double Scarlet (*Crataegus Monogyna Pauli*)—Flowers deep crimson scarlet; very double, followed by large red berries borne freely. 8-10 ft., \$3.50; 6-8 ft., \$2.50; 4-6 ft., \$2.00.

Golden Chain (Laburnum Vulgare)

Small, quick-growing tree with soft, deep green clover-shaped leaves retaining their color until late in Fall. Flowers fragrant, bright yellow, in long, drooping racemes. 6-8 ft., \$2.00.

Horse Chestnut

White Flowering (*Aesculus hippocastanum*)—The handsome European species; has magnificent spikes of white flowers borne in great profusion and sweetly scented. 5-6 ft., \$2.75 each; 6-8 ft., \$3.25 each.... 8-10 ft., \$4.50 each.

Locust

Common or Black Locust (*Robinia pseudacacia*)—Rapid growth, valuable for timber as well as ornamental. The flowers in long racemes, white and fragrant, in June. 4-6 ft., 50c each; 6-8 ft., 60c each; 8-10 ft., \$1.00 each; 10-12 ft., \$2.00; 12-14 ft., \$2.50.

Pink-Flowering Locust (*Robinia pseudacacia decalnea*)—Remarkable for its vigorous growth and fine, pink-colored flowers, which it produces in great abundance. 6-8 ft., \$2.50 each; 8-10 ft., \$3.50.

Honey Locust (*Gleditsia triacanthos*)—A large, vigorous tree, with wide-spreading branches, feathery, fern-like leaves. Makes a fine hedge. 4-6 ft., 75c each; 6-8 ft., \$1.00 each; 8-10 ft., \$1.50 each.

Thornless Honey Locust—Same as Honey Locust, except it is without thorns. 8-10 ft., \$2.25 each.

Globe Locust—Unusually attractive; form round-headed tree—without trimming. 1-year head, \$2.50; 2-year head, \$3.25.

Rose Acacia—Beautiful pink pealike flowers in long racemes in June. A very charming small tree. 4-5 ft., standards, 2-year head, \$4.00; 1-year heads, \$3.00.



New Chinese or Siberian Elm

(Note the sturdiness of the above Chinese Elm, only the third year from a small transplant).

Linden

American (*Tilia Americana*)—A stately tree, forming a fine, broad, round head with large, shining cordate leaves. Its flowers appear in yellow drooping clusters intensely fragrant. 6-8 ft., \$2.75 each; 8-10 ft., \$3.50.

European (*Lime Tree*)—Pyramidal shape, foliage similar to American Linden, white flowers in June. 6-8 ft., \$3.00; 8-10 ft., \$3.75 each.

Maples (Acer)

Silver (*Dasyacarpum*)—A large tree with wide spreading branches. Very fast grower, makes dense shade and thrives in any soil. 5-6 ft., 50c each; 6-8 ft., 90c each; 8-10 ft., \$1.25 each; 10-12 ft., \$2.00 each.

Norway (*A. Platanoides*)—A large handsome tree of spreading rounded form, with shiny, deep green foliage. Usually very symmetrical. One of the most desirable species for the street, park or lawn. 5-6 ft., \$2.00; 8-10 ft., \$2.50; 10-12 ft., \$3.25 each.

Schwedleri—A red and purple, contrasts brightly with the delicate green of other trees. In mid-summer they are purplish green, in autumn, golden yellow. 6-8 ft., each, \$2.75.

Sugar—Straight, spreading, symmetrical. Rich autumn tints of clear yellow and scarlet. 6-8 ft., \$2.50 each; 8-10 ft., \$3.25 each.

Sycamore (*A. Pseudo platanus*)—Rapid, upright growth; smooth, ash-gray bark; leaves large, five-lobed, deep green above and glaucous beneath. 6-8 ft., \$2.00 each; 8-10 ft., \$2.50 each.

Mulberry

Mulberry, Russian (*Morus tatarica*)—Rapid growth; round headed profuse foliage; used to attract birds. 4-6 ft., 65c; 6-8 ft., \$1.00 each; 8-10 ft., \$1.75 each.

Mulberry Tea Weeping (*Morus alba pendula*)—The long, slender, drooping branches of this tree give it a very unusual and much admired appearance. Prized for lawn planting. 2-year heads, \$3.50.

Olive

Russian (*Elaeagnus angustifolia*)—Its foliage is of a remarkable silvery hue; admirable for tall backgrounds, also useful for hedges, either trimmed or untrimmed. 5-6 ft., \$1.00 each.

Peach (Double Flowering)

(*Amygdalus Persica*)—The entire tree and every branch is simply a mass of blossoms, appearing before the leaves, making an immense bouquet of gorgeous color. Fast growing and very hardy; should be more planted. **Double White, Double Pink, Double Red.** 3-4 ft., \$1.00; 4-6 ft., \$1.50.

Plane Oriental

European Sycamore; Oriental Plane (*orientalis*)—It forms a fine, spreading, well-rounded head. Entirely free from disease or pests. Leaves are large, dark green and deeply lobed. One of the very best street trees. 12-14 ft., \$4.00; 10-12 ft., \$3.00; 8-10 ft., \$2.50 each; 6-8 ft., \$2.00 each; 5-6 ft., \$1.50 each.

Poplar (Populus)

Boleana (*P. Boleana*)—A tall columnar, rapid growing, hardy tree. Leaves triangular the borders serrate, glossy green above and silvery beneath. 4-6 ft., 50c each; 6-8 ft., 75c each; 8-10 ft., \$1.00 each; 10-12 ft., \$1.50 each.

Carolina (*P. deltoides Carolinensis*)—Of rapid growth; desirable for quick shade. 6-8 ft., 35c each; 8-10 ft., 55c; 10-12 ft., \$1.00 each; 12-14 ft., \$1.50 each.

Lombardy (*P. nigra italica*)—Grows to a great height; narrow and columnar. Of great value in landscape work. 10-12 ft., \$1.75 each; 8-10 ft., \$1.25 each; 6-8 ft., 90c; 4-6 ft., 75c each.

Flowering Plum

Purple-Leaved (*Prunus Pissardi*)—Handsome form, with rich, purple leaves. Covered in early spring with beautiful white flowers, later with wine-red fruits. 3-4 ft., \$1.25; 4-5 ft., \$1.75.

Triloba (*Double Flowered Plum*)—Very early; before leaves appear the whole tree is decked in a fleecy cloud of very double light pink blossoms. 3 to 4 ft., \$1.25 each; 4 to 5 ft., \$1.75 each.

Redbud

American Judas (*Cercis Canadensis*)—Striking ornamental trees loaded with a mass of pea-shaped pink blossoms in early spring, before the leaves appear. 4-6 ft., \$1.50; 6-8 ft., \$2.00 each.

Tulip Tree

Liriodendron (*tulipifera*)—Tall, pyramidal habit; bluish green, glossy, fiddle-shaped leaves; flowers tulip-like, greenish-yellow. 3-4 ft., \$1.50; 4-6 ft., \$2.00 each; 6-8 ft., \$2.50.

WALNUT, Black—See Page 31.

Willow

American Black (*Salix nigra*)—Hardy under most trying situations; thrives best where soils are moist and water plentiful. 6-8 ft., 60c; 8-10 ft., 85c; 10-12 ft., \$1.25 each.

Golden (*Salix vitellina aurea*)—Its brilliant colored twigs makes this variety very valuable in landscape. Good for windbreaks. 6-8 ft., 75c; 8-10 ft., \$1.00; 10-12 ft., \$1.50 each.

Pussy Willow (*Salix discolor*)—A large shrub or small tree, very popular for all ornamental purposes because of the attractive catkins formed on the branches in early Spring. 4-6 ft., 75c; 6-8 ft., \$1.00 each; 8-10 ft., \$1.50.

Babylonian Weeping Willow (*Salix babylonica*)—A tree of stately appearance with long, pendent branches swaying their silvery foliage in every breeze; quick to take hold when transplanted. 8-10 ft., \$1.75; 6-8 ft., \$1.25.

Prices quoted on trees are f.o.b. Salt Lake City. See page 24 for quantity price schedule. Small sizes, under four feet, can be sent parcel post where desired. Add 15c per tree extra for packing and postage.

Evergreen Shrubs and Trees

All Evergreens are quoted f.o.b. Salt Lake City. See page 24 for quantity price schedule. We advise Freight or Express. Most sizes are too large and heavy for Parcel Post shipment.

Juniper (Juniperus)

Chinese Pyramidalis Blue (Column Juniper)—Very hardy and retain desirable blue color effect during the winter; growth resembles the well known Italian Cypress. 15-18 in., \$2.50 each; 5-6 ft., \$8.00 each.

Communis Depressa (Prostrate Juniper)—The well known, valuable, many-stemmed Dwarf Juniper. Rarely exceeds 2 feet in height, good for ground cover. 15-18 in., \$2.50 each; 18-24 in., \$3.25 each; 2-3 ft., \$4.00 each.

Pfitzer Juniper (J. Chinensis Pfitzeriana)—Handsome semi-dwarf creeping junipers. 12-18 in., \$2.00; 1½-2 ft. spread, \$3.00; 2-3 ft. spread, \$4.00; 3-4 ft., \$5.00.

Irish—Erect, slender and formal in habit; foliage sage green, very compact, making a splendid column. 18-24 in., \$2.25; 2-3 ft., \$3.50; 3-4 ft., \$4.50 each.

Sargent Green (Sargent Juniper)—Forms a low dense mat of wide-spreading branches covered with small dark green scale-like, mixed with pointed ones. 12-15 in., \$2.50 each.

Sargent Blue—Identical with preceding except color is blue. 18-24 in., \$3.50 each.

Scopulorum (Colorado Juniper)—Narrow, compact and symmetrical. One single stem, in contrast to some varieties of Junipers with several; safe from heavy snows and wind; remains a good healthy color throughout the year. It is a tree that thrives in dry weather. 18-24 in., \$2.50 each; 2-3 ft., \$4.00 each.

Virginiana Cannarti (Cannart Redcedar)—The leading form of Redcedar, having deep rich green, heavily tufted foliage. It makes a pyramidal specimen of middle size, reaching 15 to 20 feet. It can be readily trimmed and thus maintained at any size wanted. 3-4 ft., \$5.50 each.

Red Cedar (J. Virginiana)—Well known native tree. 1½ to 2 ft., \$2.50; 2-3 ft., \$4.00; 3-4 ft., \$5.50; 4-5 ft., \$7.50.

Silver Blue Cedar (J. Virginia Glauca)—The entire young growths of this beautiful variety, are silvery-white which changes as they develop to an attractive bluish green. 2-3 ft., \$4.00; 3-4 ft., \$6.50; 4-5 ft., \$9.00.

Spiny Greek Juniper (J. Excelsa Stricta)—Tall, dense, narrow, conical head; fine glaucous color. Well adapted for foundation plantings where small or dwarf trees are required. 18-24 in., \$3.00; 2-3 ft., \$5.00 each.

Sabina Tamariscifolia (Tamarix Savin Juniper)—Foliage fine texture. Average height is one foot, with a spread of 6 to 8 feet, forming a perfect mat of bluish or gray-green. 18-24 in., \$3.00 each; 2-3 ft., \$4.50 each.

Pine (Pinus)

Austrian Pine—The leaves are two in a sheath, straight and slender, from 4 to 5 inches long, of a deep, rich green color. Coal, gas and smoky atmosphere have no effect on its growth. 2-3 ft., \$5.00 each.

Mugo (Dwarf Pine)—Leaves short, stiff and formal, thickly distributed in tufts over the branches; globular form. 12-15 in., \$3.00; 15-18 in., \$4.00; 18-24 in., \$5.00.

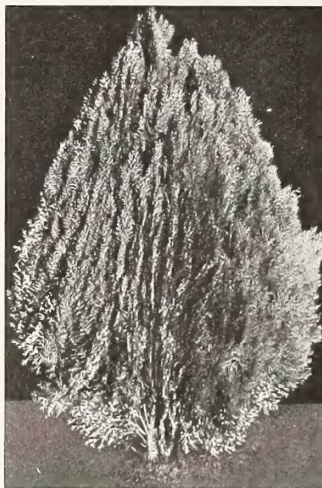
Spruce

Colorado Blue Spruce (Picea Pungens Glauca)—It is the rarest blue of any evergreen; fine compact habit. 12-18 in., \$4.00 each; 1½-2 ft., \$5.00 each; 2-3 ft., \$7.50; 3-4 ft., \$10.00 each.

Colorado Spruce (Picea Pungens)—Similar to above except foliage is light green. 1-2 ft., \$3.00; 2-3 ft., \$4.50; 3-4 ft., \$6.50.

White Fir (Abies Concolor)—Forms a compact, symmetrical tree. Needles are grayish-blue contrast to the usual characteristics of firs. 2-3 ft., \$5.00 each.

Thuja—Arbor-Vitae



Thuja (Berckmans Golden)
Orientalis Aurea Nana

Thuja Beverleyensis (Golden Tinged Column Arborvitae)—15 to 20 ft. The tallest and stateliest of Arborvitae, growing into a narrow pyramidal column of golden green foliage. 18-24 in., \$2.50 each; 2-3 ft., \$4.00 each; 3-4 ft., \$5.50 each; 4-5 ft., \$7.00 each; 7-8 ft., \$10.00 each; 8-9 ft., \$12.00.

Thuja Orientalis Aurea Nana (Berckman's Dwarf Evergolden Arbor Vitae)—The most wanted arborvitae. Very dwarf golden tipped oval shape. Always shapely and beautiful. 10-12 in., \$1.95; 13-15 in., \$2.50; 16-18 in., \$3.50; 18-24 in., \$4.50; 24-30 in., \$5.50; 30-36 in., \$6.50.

Thuja Orientalis Pyramidalis (Chinese Arbor-Vitae)—Comparatively low, broadly pyramidal tree. Color yellowish-green. 18-24 in., \$2.50; 2-3 ft., \$4.00; 3-4 ft., \$5.00; 4-5 ft., \$7.50; 5-6 ft., \$9.00.

Thuja Globosa (Globe Arbor-Vitae)—Forms of dense, low globe; handsome shade of green. Diameter 12-18 in., \$3.00; 18-24 in., \$4.50.

Thuja Pyramidalis Occidentalis (Pyramidal Arbor-Vitae)—Compact and erect. Foliage a deep green, retaining color. 18-24 in., \$2.50; 2-3 ft., \$4.00; 3-4 ft., \$6.00; 4-5 ft., \$8.00; 5-6 ft., \$10.00.

Barberry (Wilson)

Berberis Wilsonae (Wilson Barberry)—4 in. A beautiful hardy shrub with gray-green foliage turning a brilliant reddish-bronze in the Fall. Flowers golden-yellow in dense clusters; salmon-red berries in the Fall. 15-18 in., \$1.75 each; 18-24 in., \$2.25 each; 24-30 in., \$2.75.

Cotoneaster

Simonsi—White. June. Semi-evergreen quite erect. Leaves are dark green and usually adhere late in the season. Showy bright red fruit borne on the slender, erect branches all along the stems. 3 ft., each, \$1.50.

Pannosa (Silverleaf Cotoneaster)—(H 8, S 6). Foliage a soft gray-green with silvery color on the underside of the leaves. White flowers in Spring followed by masses of dull silvery-red berries which remain Fall and Winter. A fast growing and of loose, graceful habit. 2-3 ft., \$1.25 each; 3-4 ft., \$2.00 each.

Horizontalis—Low, flat, spreading, bright glossy green, very attractive. Covered in April with masses of tiny pink flowers and in the fall with minute, brilliant scarlet berries. The foliage also turns scarlet and it is practically deciduous in winter. 18-24 in., \$2.00; 2-3 ft., \$3.50.

Euonymus

Japanese (E. Japonicus)—Fine, upright shrub of moderate size and rather compact growth. Foliage and bark are clear, dark green.

Golden Variegated Euonymus (E. japonicus aurea variegatus)—Branches green, leaves yellow in center, dark green around edges. Color about equally divided. Occasional leaves either all yellow or green.

Prices: Any of the above varieties, balled, 12 to 15 in., \$1.50; 15 to 18 in., \$2.25; 2 to 3 ft., \$3.50; 3 to 4 ft., \$4.00.

Mahonia

Aquifolia (Oregon Grape or Holly-leaved Ashberry)—A beautiful evergreen shrub with smooth, shining holly leaves; bright yellow flower clusters in May, and blue berries. The leaf color varies capriciously throughout the year, assuming all shades of green, with flecks of red and bronze. Associates well with dwarf and medium shrubbery, of special value in shady locations. 15-18 in., \$2.00 each; 18-24 in., \$2.50 each; 2-3 ft., \$3.50 each.

Pyracantha (Firethorn)

Burning Bush (P. coccinea Lalandii)—Deservingly popular on account of its clean, upright growth, bearing to great length, upright growth, bearing to great profusion of small flowers in flat corymbs, followed by a mass of orange-red berries in early fall which remain on the plant until spring, firm green foliage. Attains height of 10 feet, but can be trimmed to any lower height desired. 18-24 in., \$2.50 each; 2-3 ft., \$3.50 each; 3-4 ft., \$4.50 each.

VISITORS AT OUR NURSERY—ALWAYS WELCOME

Visit our Centerville Nursery and you will see thousands of both Conifer and Broadleaved types of Evergreen Shrubs and Trees, all sizes and stages of development from the very small rooted cuttings to the large specimen sizes. Write us if what you want is missing from this list, no doubt we can supply it.

Fruit Trees

At our Centerville Nurseries we have a particularly fine lot of strong, healthy fruit trees. This stock has been selected and critically grown to meet the requirements of orchardists planting for eastern or local markets. We believe, also, those of our patrons who are planting a small orchard for home use will find sufficient variety to amply fill every want in the fruit line. Refer to our Annual Catalog for more detailed information and full descriptions. Detailed planting and cultural directions, free with each order. Ask for them. Our trees are very carefully graded to size and height but in determination of grade the Caliper usually governs.

Ordinary seasons we are able to deliver fruit and ornamental trees the latter part of October. In sections where ground freezes up early, we advise Spring delivery. Prices quoted are f.o.b. Salt Lake City.

APPLES

	Height Feet	Caliper Inches	Each	10 20 Ea.	10 40 Ea.	20 100 Ea.	40 to
Extra.....	5 ft. up	12/16 up	80c	65c	55c	45c	
Home Or.....	4 ft. up	9/16-11/16	65c	55c	45c	35c	
Coml. Or.....	3 1/2 ft. up	7/16-9/16	55c	45c	35c	30c	
Mail.....	2 1/2 ft. up	5/16-7/16	45c	35c	30c	25c	

Summer Varieties—Red Astrachan, Early Harvest, Maiden's Blush, Yellow Transparent, Red River.

Autumn Varieties—Gravenstein, Twenty-Ounce Pipin, Wealthy, Wolf River.

Winter Varieties—Arkansas Black, Bellefleur, Delicious, Gano, Grimes', Golden Pipin, Jonathan, Mam, Black Twig, N. W. Greening, Winesap.

Winter Banana, Pearmain, McIntosh Red.

Crab Apples—Hyslop, Transcendant, Siberian.

Small orders of mailable sizes sent Parcel Post where more convenient.

APRICOTS

	Height Feet	Caliper Inches	Each	10 20 Ea.	10 40 Ea.	20 100 Ea.	40 to
Extra.....	5 ft. up	12/16 up	90c	75c	60c	50c	
Home Or.....	4 ft. up	9/16-11/16	65c	55c	50c	35c	
Coml. Or.....	3 ft. up	7/16-9/16	55c	45c	40c	30c	
Mail.....	2 ft. up	5/16-7/16	45c	35c	30c	25c	

Varieties—Moorpark Royal, Superb, Chinese, Jones.

CHERRIES

	Height Feet	Caliper Inches	Each	10 20 Ea.	10 40 Ea.	20 100 Ea.	40 to
Extra.....	5 ft. up	12/16 up	\$1.00	85c	70c	60c	
Home Or.....	4 ft. up	9/16-11/16	.80	70c	60c	50c	
Coml. Or.....	3 ft. up	7/16-9/16	.70	60c	50c	45c	
Mail.....	2 ft. up	5/16-7/16	.60	50c	45c	40c	

Varieties—Bing, Black Tartarian, Lambert, May Duke, Montmorency, Napoleon, Richmond, Windsor, Yellow Spanish.

PEACHES

	Height Feet	Caliper Inches	Each	10 20 Ea.	10 40 Ea.	20 100 Ea.	40 to
Extra.....	5 ft. up	12/16 up	80c	65c	55c	45c	
Home Or.....	4 ft. up	9/16-11/16	65c	55c	45c	30c	
Coml. Or.....	3 ft. up	7/16-9/16	55c	45c	35c	25c	
Mail.....	2 ft. up	5/16-7/16	45c	35c	30c	20c	

Varieties—Alexander, Crawford, J. H. Hale, Elberta, Heath Cling, Carman, Red Bird, Orange Cling, Mayflower, Dals' Cling.

PEARS

	Height Feet	Caliper Inches	Each	10 20 Ea.	10 40 Ea.	20 100 Ea.	40 to
Extra.....	5 ft. up	12/16 up	85c	70c	60c	50c	
Home Or.....	4 ft. up	9/16-11/16	70c	60c	50c	40c	
Coml. Or.....	3 ft. up	7/16-9/16	65c	55c	45c	35c	
Mail.....	2 1/2 ft. up	5/16-7/16	55c	45c	35c	30c	

Varieties—Bartlett, Beurre d'Anjou, Kieffer, Lemish Beauty, Clapp's Favorite; Seckel, Parish Favorite, Winter Nellis.

PLUMS AND PRUNES

	Height Feet	Caliper Inches	Each	10 20 Ea.	10 40 Ea.	20 100 Ea.	40 to
Extra.....	5 ft. up	12/16 up	85c	70c	60c	50c	
Home Or.....	4 ft. up	9/16-11/16	65c	55c	45c	40c	
Coml. Or.....	3 ft. up	7/16-9/16	55c	45c	40c	35c	
Mail.....	2 1/2 ft. up	5/16-7/16	50c	40c	35c	30c	

PLUMS—Varieties—Burbank, Bradshaw, Satsuma, Yellow Egg, Lombard, Damson, Reine Claude, Abundance, Jefferson, Green Gage, Kelsey.

PRUNES—Varieties—French Hungarian, Italian.

NUT TREES

Soft Shell Almonds—I. X. L., each \$1.00; \$9.00 per 10.
Black Walnut—4-6 ft., \$1.50; 6-8 ft., \$2.00; 8-10 ft., \$2.50.
Utah English Walnuts—Hardy in any section or situation where apricots and peaches can be grown. 4-6 ft., each, \$1.25; 6-8 ft., each, \$2.00.

QUINCES

Champion Orange Quince—Standard Size—\$1.25 each.

NECTARINES

Boston—Bright yellow. Standard Size—Each, \$1.00; \$9.00 per 10. Mail Size—Each, 85c; \$7.50 per 10.

SMALL FRUIT AND BERRIES

The splendid adaptability, both as to soil and climate of the Mountain States to the culture of "Small Fruits," makes it a great wonder there hasn't been larger plantings. The wise men will awake to the possibilities along this line. For more detailed information and descriptions, see our Annual Catalog.

BLACKBERRIES

Price—Each, 15c; 10, \$1.00; 50, \$4.50; 100, \$8.00; \$70.00 per 1000.

Varieties—Early Harvest, Wilson, Mersereau, Rathbun, Lucretia Dewberry.

CURRENTS

Price—Each, 30c; 10, \$2.50; 50, \$8.00; 100, \$15.00.

Varieties—Fay's Prolific, Perfection Red, Black Native, Red Cherry, Wilder, White Grapes, Lee's Prolific.

GOOSEBERRIES

Price—Each, 30c; 10, \$2.50; 50, \$8.00; 100, \$15.00.

Varieties—Oregon Champion, Downing, Smith's Improved.

P.-W.'s New White Smith Gooseberry—The largest and finest in the list. Fruit very light green, almost white. Equally good for home or market. Each, 40c; 10, \$3.50.

GRAPES

Concord—Each, 25c; 10, \$1.75; 100, \$8.00; 1000, \$75.00.

Niagara, Moore's Early Agawam, Worden—Each, 25c; 10 for \$2.00; 100, \$12.00; 1000, \$95.00.

European Varieties—Flame Tokay, Muscat, Thompson's Seedless. Each, 25c; 10, \$2.00; 100, \$12.00; 1000, \$95.00.

LOGANBERRIES

Each, 30c; 10, \$2.50; 50, \$9.00; 100, \$15.00.

RASPBERRIES

Red Varieties—Cuthbert, Loudon, Marlboro, St. Regis.

Price—Each, 15c; 10 for \$1.25; 50, \$4.00; 100, \$7.50; 1000, \$60.00.

Black Varieties—Gregg, Cumberland. 20 each; \$1.50 per 10; 50, \$5.50; 100, \$10.00.

STRAWBERRIES

Marshall—25c, 60; 100, \$1.50; 500, \$5.00; 1000, \$9.00.

Superb Everbearing—25, 75c; 100, \$1.75; 500, \$6.50; 1000, \$12.00.

Mastodon Everbearing—25, 75c; 50, \$1.25; 100, \$2.00; 500, \$8.00; 1000, \$15.00.

P.-W.'s NEW MAMMOTH STRAWBERRY

When the Mastodon Everbearing Strawberry appeared it was thought to be the last word in size and yield. Comparative tests now show that P.-W.'s New Mammoth Everbearing Strawberry is far its superior in size, color, flavor and yield. Particular advantages in this new strawberry are the vines are more dwarf, the berries ripen evenly, easier, harvested, much larger in size and firmer in texture, making it supreme as a market berry as well as for home use. The first ripe berries appear about a week earlier than Mastodon and continue to bear until snow flies. Undoubtedly P.-W.'s Early Mammoth will supplant all other types of everbearers. **PRICE:** 25 plants, \$1.25; 50 plants, \$2.25; 100 plants, \$4.00; 1000 plants, \$35.00.



In the Foreground
 Beautiful "MONS. JULES ELIE" Peony
 (See Page 17)

For Select List Offered of
 The Cream of Worth While Peonies
 (See Details on Page 17)

P.-W.'s "PRIZE HALF DOZEN" PEONIES
 ONE LARGE ROOT EACH OF THE FOLLOWING:

Albert Crousse—Pink. Karl Rosenfield—Dark Crimson Marie Jacquin—Flesh.
 Baroness Schroeder—White. Mons. Jules Elie—Deep Pink. Richard Carvel—Red.
 (REGULAR VALUE \$6.50)—ALL FOR.....

\$5.00
 Postpaid.

PORTER-WALTON COMPANY

Seed and Nursery Specialists

SALT LAKE CITY, UTAH